Editors

JOHN I. BREWER, Editor in Chief

FREDERICK P. ZUSPAN, E. J. QUILLIGAN, Editors

ALBERT B. GERBIE, Associate Editor

HOWARD C. TAYLOR, JR., ALLAN C. BARNES, Emeritus Editors

Advisory committee on policy

C. D. Christian Leo J. Dunn David Figge Fred T. Given A. Brian Little Edgar L. Makowski George D. Malkasian Roy T. Parker W. Ann Reynolds J. C. G. Whetham

Board of corresponding editors

Oscar Aguero, Caracas Frederick Kubli, Heidelberg Pierre O. Hubinont, Brussels Malcolm Symonds, Nottingham Ichiro Taki, Fukuoka

Volume 139 January-April, 1981 The C. V. Mosby Company St. Louis 1981 in addition to those listed on the front cover the Journal is the official publication of the following societies

NEW YORK OBSTETRICAL SOCIETY OBSTETRICAL SOCIETY OF PHILADELPHIA BROOKLYN GYNECOLOGICAL SOCIETY ST. LOUIS GYNECOLOGICAL SOCIETY NEW ORLEANS GYNECOLOGICAL AND OBSTETRICAL SOCIETY THE OBSTETRICAL AND GYNECOLOGICAL SOCIETY OF MARYLAND CHICAGO GYNECOLOGICAL SOCIETY CINCINNATI OBSTETRICAL AND GYNECOLOGICAL SOCIETY WASHINGTON GYNECOLOGICAL SOCIETY PITTSBURGH OBSTETRICAL AND GYNECOLOGICAL SOCIETY BOSTON OBSTETRICAL SOCIETY LOUISVILLE OBSTETRICAL AND GYNECOLOGICAL SOCIETY SEATTLE GYNECOLOGICAL SOCIETY ALABAMA ASSOCIATION OF OBSTETRICIANS AND GYNECOLOGISTS AKRON OBSTETRICAL AND GYNECOLOGICAL SOCIETY KANSAS CITY GYNECOLOGICAL SOCIETY CENTRAL NEW YORK ASSOCIATION OF GYNECOLOGISTS AND OBSTETRICIANS

NEW JERSEY OBSTETRICAL AND GYNECOLOGICAL SOCIETY IOWA OBSTETRIC AND GYNECOLOGIC SOCIETY THE TEXAS ASSOCIATION OF OBSTETRICIANS AND GYNECOLOGISTS OKLAHOMA CITY OBSTETRICAL AND GYNECOLOGICAL SOCIETY MEMPHIS OBSTETRICAL AND GYNECOLOGICAL SOCIETY UTAH OBSTETRICAL AND GYNECOLOGICAL SOCIETY ROCHESTER OBSTETRICAL AND GYNECOLOGICAL SOCIETY ARKANSAS OBSTETRICAL AND GYNECOLOGICAL SOCIETY TENNESSEE STATE OBSTETRICAL AND GYNECOLOGICAL SOCIETY NEW YORK GYNECOLOGICAL SOCIETY PACIFIC NORTHWEST OBSTETRICAL AND GYNECOLOGICAL ASSOCIATION BUFFALO OBSTETRICAL AND GYNECOLOGICAL SOCIETY SAN FRANCISCO GYNECOLOGICAL SOCIETY JACKSON GYNECIC SOCIETY INDIANA OBSTETRICAL AND GYNECOLOGICAL SOCIETY THE MINNESOTA OBSTETRICAL AND GYNECOLOGICAL SOCIETY

Volume 139 Copyright © 1981 by The C. V. Mosby Company (All rights reserved)

Printed in the United States of America

Index to volume 139

Author index*

ABITBOL, M. MAURICE. A simplified technique to produce toxemia in the pregnant dog, 526

ABRAHAM, E. C. (see FADEL ET AL.), 397 ABRAHAM, MARILYN (see LIN ET AL.), 390

ACKER, D. (see FRIGOLETTO ET AL.), 781 Adams, Melissa M., Finley, Sara, Hansen, Holger, Jahiel, Rene I., OAKLEY, GODFREY P., JR., SANGER, WARREN, WELLS, GWYNNE, and Wertelecki, Wladamir. Utilization of prenatal genetic diagnosis in women 35 years of age and older in the United States, 1977 to 1978, 673

ADELSON, HARRIET G. (see CHECK and ADELSON), 736

AHOKAS, ROBERT A. (see LIPSHITZ ET AL.), 726 AHREN, B. (see INGEMARSSON ET AL.), 697

AL-ANI, ABDULLAH T. M. (see LEE ET AL.), 702

ALBRECHT, BRUCE H., SCHIFF, ISAAC, TULCHINSKY, DAN, and RYAN, KENNETH J. Objective evidence that placebo and oral medroxyprogesterone acetate therapy diminish menopausal vasomotor flushes, 631

ALLEN, H. H. (see STUART, ALLEN, and ANDERSON), 311

ALPERT, SUSAN (see McCormack et al.), 130 ÄMMÄLÄ, PIRKKO (see KARINIEMI and ÄMMÄLÄ) 33

AMSTEY, MARVIN S. (see LEWIN and AMSTEY), 512

ANDERSEN, H. FRANK, JOHNSON, TIMOTHY R., JR., BARCLAY, MEL L. and FLORA, JAIRUS D., JR. Gestational age assessment. I. Analysis of individual clinical observations, 173

ANDERSEN, JENS THORUP (see SONNE-HOLM ET AL.), 693

ANDERSON, GARLAND D. (see LIPSHITZ ET AL.), 199, 726 ANDERSON, GERALD G., LAMDEN, MERTON P., CIDLOWSKI, JOHN A., and ASHIKAGA, TAKAMARU. Comparative pulmonary surfactantinducing effect of three corticosteroids in the near-term rat,

- (see HATHS ET AL.), 972

ANDERSON, R. J. (see STUART, ALLEN, and ANDERSON), 311 ANDRINOPOULOS, GEORGE C. (see O'LEARY and ANDRINOPOULOS), 107 APUZZO, M. L. J. (see MARCH ET Al.), 835 ARAVANTINOS, D. (see CREATSAS ET Al.), 522

ARQUEMBOURG, PIERRE C. (see Levy and Arquembourg), 38 Ashikaga, Takamaru (see Anderson et al.), 562

ASHWAL, STEPHEN, MAJCHER, JOHN S., and LONGO, LAWRENCE D. Patterns of fetal lamb regional cerebral blood flow during and after prolonged hypoxia: Studies during the posthypoxic recovery period, 365

Assali, Nicholas S. (see Lieb et al.), 925 Aubry, Richard H. (see Yambao et al.), 937 Auletta, Frederick J. (see Sotrel et al.), 134 - (see TAKAHASHI ET AL.), 427

BABAKNIA, ARI (see DIVERS ET AL.), 483

BAGGISH, MICHAEL S. Complications associated with carbon dioxide laset surgery in gynecology, 568 Baltzer, J. (see Zandef et al.), 752 Barclay, Mel L. (see Andersen et al.), 173

BARLOW, JOSEPH J. (see PIVER, BARLOW, and KRISHNAMSETTY) 575 BECK, J. C., JOHNSON, J. W. C., MITZNER, W., LEE, P. A., LONDON, W

T., and SLY, D. L. Glucocorticoids, hyperinsulinemia, and fetal lung maturation, 465
BECK, R. PETER, WARREN, K. G., and WHITMAN, P. Urodynamic studies

in female patients with multiple sclerosis, 273
BECKNER, R. RANDOLPH, GANTZ, NELSON, HUGHES, JAMES P., and FAR-RICY, JOHN P. Ototoxicity of erythromycin gluceptate, 738

(Comm. in brief) BEHRMAN, HAROLD R. (see POLAN and BEHRMAN), 487 BEHRMAN, S. J. (see BIBEROGLU and BEHRMAN), 645

BELANGER, CHARLENE (see ROSENBERG ET AL.), 47

BELINSON, JEROME L., LYNN, JEAN M., PAPILLO, JACALYN L., LEE, KEN-NETH, and Korson, Roy. Fine-needle aspiration cytology in

the management of gynecologic cancer, 148
BENEDETTI, THOMAS J. (see CASSIDY, BENEDETTI, and SYBERT), 221 BENJAMIN, IVOR (see DFUTSCH, OSSOWSKI, and BENJAMIN), 967

BENNETT, KATHRYN J. (see SAIGAL ET AL.), 715
BENT, A. E., GRAY, J. H., LUTHER, E. R., OULTON, M., and PEDDLE, J. Phosphatidylglycerol determination on amniotic fluid 10,000 × g pellet in the prediction of fetal lung maturity, 259
Berger, Eduardo, Gilleson, Martin S., and Walters, Jack H.
Puerperal febrile complications and cervical flora following elective manual exploration of the uterus, 320
Berman, Michael L., Tobon, Hector, and Sukti, Urvashi. Primary

malignant melanoma of the vagina: Clinical, light and electron microscopic observations, 963

BERNSTEIN, P. (see HAWRYLYSHYN, BERNSTEIN, and PAPSIN), 294
BIBEROGLU, K. O., and BEHRMAN, S. J. Dosage aspects of danazol erapy in endometriosis: Short-term and long-term effective ess,

BIRNHOLZ, J. (see FRIGOLETTO ET AL.), 781

BLAKE, G. (see SBARRA ET AL.), 214 BLAKE, SEAN (see SUGRUE, BLAKE, and MACDONALD), 1

BLIX. PETRA (see LIN ET AL.), 390

BOARD, JOHN A., and FIERRO, ROBERT J. Effect of cyproheptadine on chlorpromazine stimulation of prolactin in women, 160

BOWLER-WONG, S. J., HAY, D. M., and LORSCHEIDER, F. L. A proteinbinding radioassay for 6β-hydroxycortisol: Detection in preg-

nancy urine and amniotic fluid, 243
BOYCE, JOHN (see SILLMAN, BOYCE, and FRUCHTER), 154 BRADLEY DOROTHY H. (see SHINGLETON ET AL.), 799 BRINKMAN, CHARLES R., III (see LIEB ET AL.), 925 Brown, WILLARD L. (see Swan and Brown), 52

BROYLES, KAREN (see LIPSHITZ ET AL.), 726 BRYANS, F. E. Management of congenital absence of the vagina, 281

BUCHSBAUM, HERBERT J. (see GAL ET AL.), 877 BURD, LAURENCE I. (see TAKAHASHI ET AL.), 427

CADESKY, K. I., RAVINSKY, E., and Lyons, E. R. Dilation and evacuation: A preferred method of midtrimester abortion, 329

CALKINS, JOHN W. (see MASTERSON ET AL.), 565 CAMPBELL, KAREN (see PATRICK ET AL.) 324

(see RICHARDSON ET AL.), 344

CAMPBELL, STUART (see O'BRIEN, QUEENAN, and CAMPBELL), 540

CANNON, WENDY (see Ho Yuen and Cannon), 316

CARLSSON, C. (see INGEMARSSON ET AL.), 697

(see Nybell-Lindahl et al.), 20

CARMAN, F. R., JR. (see RAO ET AL.), 655 CARMICHAEL, J. A. (see LOW, MAUGER, and CARMICHAEL), 826

CARMICHAEL, LESLEY (see PATRICK ET Al.), 324

— (see Richardson et al.), 344 Carr, Bruce R., Parker, C. Richard, Jr., Madden, James D., Mac-DONALD, PAUL C., and PORTER, JOHN C. Maternal plasma ad-renocorticotropin and cortisol relationships throughout human pregnancy, 416

Carson, George D., and Challis, John R. G. Adrenal responses to prostaglandin E₂ in newborn lambs, 359

CARTER, ROBERT P. (see MASTERSON ET AL.), 565 CASEY, M. LINETTE (see OKAZAKI ET AL.), 373

CASSIDY, SUZANNE B., BENEDETTI, THOMAS J., and SYBERT, VIRGINIA P.
Unsuspected trisomy 18: A case of an examination protocol in
stillborn infants, 221 (Comm. in brief)

CEFALO, R. C. (see NAULTY, CEFALO, and LEWIS), 708

(see O'BRIEN ET AL.), 535

ČEMERIKIĆ, B. (see GENBAČEV ET AL.), 41

*January 1, 1-122; January 15, 123-238; February 1, 239-364; February 15, 365-498; March 1, 499-624; March 15, 625-744; April 1, 745-862; April 15, 863-1004.

CENTERWALL, BRANDON S. Premenopausal hysterectomy and cardiovascular disease, 58

CERAMI, ANTHONY (see THORNTON and CERAMI), 739

CETRULO, C. L. (see SBARRA ET AL.), 214

CHALLIS, JOHN, PATRICK, JOHN, RICHARDSON, BRYAN, and TEVAAR-WERK, GERALD. Loss of diurnal rhythm in plasma estrone, estradiol, and estriol in women treated with synthetic glucocorticoids at 34 to 35 weeks' gestation, 338

- (see Carson and Challis), 359

(see PATRICK ET AL.), 324

CHANDRA, PRASANTA (see JAGANI ET AL.), 507

CHARD, TIM (see Lee et al..), 702
CHECK, JEROME H., and ADELSON, HARRIET G. Amenorrheagalactorrhea associated with hypothalamic hypothyroidism, 736 (Comm. in brief)

CHEZ, RONALD A. (see NAEYE and CHEZ), 189

CHI, I-CHENG, and FELDBLUM, PAUL. Uterine perforation during sterilization by laparoscopy and minilaparotomy, 735 (Comm. in brief)

CIDLOWSKI, JOHN A. (see ANDERSON ET AL.), 562

CIPOLLE, ROBERT J. (see ZASKE ET AL.), 896 CIVETTA, JOSEPH M. (see HELMKAMP ET AL.), 628

CLAESSENS, E. ANNE, and COWELL, CAROL A. Acute adolescent menorrhagia, 277

CLARK, BARBARA A. (see TWIGGS, CLARK, and OKAGAKI), 640

CLARK, DAVID (see YAMBAO ET AL.), 937 CLARK, KENNETH E., MILLS, E. GAY, STYS, STANLEY J., and SEEDS, ASA E. Effects of vasoactive polypeptides on the uterine vasculature, 182

COHEN, CARMEL J. (see DEPPE ET AL.), 970

COMPTON, ALAN A. (see JOHNSON ET AL.), 446 CONN, JULIUS, JR. (see SOCOL, CONN, and FREDERIKSEN), 965

COWELL, CAROL A. (see CLAESSENS and COWELL), 277

COX, LLOYD W. (see MACLENNAN ET AL.), 948

Cox, M. J. (see Low et al.), 299, 306

CRAMER, JOSEPH H., and OSBORNE, RAYMOND J. Endometrial neoplasia-Screening the high-risk patient, 285

CREASY, ROBERT K. (see KATZ, ROBERTSON, and CREASY), 605 CREATSAS, G., PAVLATOS, M., LOLIS, D., ARAVANTINOS, D., and KAS-KARELIS, D. Bacterial contamination of the cervix and prema-

ture rupture of membranes, 522 DE CRESPIGNY, L. CH., O'HERLIHY, C., and ROBINSON, H. P. Ultrasonic observation of the mechanism of human ovulation, 636

Crockett, Vicki Ann (see McCormack et al.), 130 Cumming, D. C., Love, E. J., and Lorscheider, F. L. 6β-Hydroxycortisol levels in maternal urine of pregnancies complicated by prematurity, 250

- (see Taylor, Cumming, and Hill), 239

CUNNINGHAM, F. GARY, HEMSELL, DAVID L., DEPALMA, RALPH T.,
KAPPUS, SHERYL, ROARK, MICKI, and NOBLES, BRENDA.
Moxalactam for obstetric and gynecologic infections, 915 (see LEVENO ET AL.), 403

CURRY, R. H. (see MURAM ET AL.), 289

DAIKOKU, NORMAN H. (see KHOUZAMI ET AL.), 423 DALCOMPO, SHARON (see WEINER ET AL.), 953

DAVAJAN, V. (see MARCH ET AL.), 835

DAVIDSON, EZRA C., JR. An analysis of adolescent health care and the role of the obstetrician-gynecologist, 845

DELIGDISCH, LIANE (see DEPPE ET AL.), 970

DELISE, C. (see SBARRA ET AL.), 214

DEPALMA, RALPH T. (see CUNNINGHAM ET AL.), 915

DEPPE, GUNTER, JACOBS, ALLAN J., DELIGDISCH, LIANE, and COHEN, CARMEL J. Transformation of endodermal sinus tumor to dysgerminoma following chemotherapy, 970 (Comm. in

DEUTSCH, STANLEY, OSSOWSKI, RICHARD, and BENJAMIN, IVOR. Comparison between degree of systemic absorption of vaginally and orally administered estrogens at different dose levels in postmenopausal women, 967 (Comm. in brief) DIAKOMANOLIS, EMMANUEL S. (see PADBURY ET AL.), 459

DICKES, WILLIAM F. (See ZASKE ET AL.), 896
DIVERS, WALTER A., JR., WILKES, MAHLON M., BABAKNIA, ARI, and YEN,
SAMUEL S. C. An increase in catecholamines and metabolites in the amniotic fluid compartment from middle to late gestation, 483

DONALDSON, E. S. (see Wilson, Jawad, and Donaldson), 661 Dowers, Susan (see Sotrel et al.), 134

DROUIN, P. (see MURAM ET AL.), 289

DRUZIN, MAURICE L., GRATACÓS, JOSÉ, KEEGAN, KIRK A., and PAUL, RICHARD H. Antepartum fetal heart rate testing. VII. The significance of fetal bradycardia, 194

(see Murata et al.), 942 (see Socol et al.), 712

DUBIN, JOSEPH W. (see PHILLIPS, DUBIN, and RAYE), 22, 441

Dunn, John E., Jr., and Schweitzer, Victoria. The relationship of cervical cytology to the incidence of invasive cervical cancer and mortality in Alameda County, California, 1960 to 1974,

DYRING-ANDERSEN, KNUD (see SONNE-HOLM ET AL.), 693

EASTERDAY, C. L. (see FRIGOLETTO ET AL.), 781

EDELMAN, DAVID A. (see FOWLER, LAWRENCE, and EDELMAN), 109 EICHNER, EDUARD, and SIMAK, KATHLEEN A. Uterus didelphys unicollis with adenocarcinoma in one horn and atypical endometrial

hyperplasia in the other: Case report, 222 (Comm. in brief) ELLINGSWORTH, LARRY R., HAYASHI, LINDA G., OSBURN, BENNIE I., and HOLMBERG, CHARLES A. Immunosuppressive activity of rhesus monkey pregnancy serum, 932

ENKIN, MURRAY W. (see SAIGAL ET AL.), 715

ERHARD, PENNY (see KUHNERT, KUHNERT, and ERHARD), 209

ERKKOLA, RISTO (see LIEB ET AL.), 925

EVRARD, JOHN R. (see McCormack et al.), 130

FADEL, HOSSAM F., REYNOLDS, A., STALLINGS, M., and ABRAHAM, E. C. Minor (glycosylated) hemoglobins in cord blood of infants of normal and diabetic mothers, 397

FARO, SEBASTIAN. Group B beta-hemolytic streptococci and puerperal infections, 686

FARRICY, JOHN P. (see BECKNER ET AL.), 738

FELDBLUM, PAUL (see CHI and FELDBLUM), 735

FIERRO, ROBERT J. (see BOARD and FIERRO), 160

FINBERG, HARRIS J., and FRIGOLETTO, FREDRIC D. Sonographic demonstration of uterine contraction during amniocentesis, 740 (Comm. in brief) FINLEY, SARA (see ADAMS ET AL.), 673

FISH, DAVID G. (see HARMAN, FISH, and TYSON), 333

FISHER, DELBERT A. (see PADBURY ET AL.), 459

FLEISCHER, ADIEL (see JAGANI ET AL.), 507 FLETCHER, J. R. (see O'BRIEN ET AL.), 535 FLORA, JAIRUS D., JR. (see ANDERSEN ET AL.), 173

FOLKERSEN, J., GRUDZINSKAS, J. G., HINDERSSON, P., TEISNER, B., and WESTERGAARD, J. G. Pregnancy-associated plasma protein A: Circulating levels during normal pregnancy, 910

FORD, LARRY C. (see LAGASSE ET AL.), 791
FOSTER, HENRY W., JR. (see RAGHUNATHAN and FOSTER), 939
FOWLER, WESLEY C., JR., LAWRENCE, HAL, and EDELMAN, DAVID A.
Paravestibular tumor of the female genital tract, 109 (Comm.

Frederiksen, Marilynn C. (see Socol, Conn, and Frederiksen), 965 FRIBERG, JAN. Postcoital testing in relation to circulating sperm-

agglutinating antibodies in women, 587

Frigoletto, F. D., Jr., Umansky, I., Birnholz, J., Acker, D., Easterday, C. L., Harris, G. B. C., and Griscom, N. T. Intrauterine fetal transfusion in 365 fetuses during fifteen years, 781

- (see FINBERG and FRIGOLETTO), 740

FRUCHTER, RACHEL (see SILLMAN, BOYCE, and FRUCHTER), 154

Fujii, Shingo, Nakashima, Noboru, Oramura, Hitoshi, Takenaka, Akira, Kanzaki, Hideharu, Okuda, Yuji, Morimoto, Kohiki, and Nishimura, Toshio. Progesterone-induced smooth muscle-like cells in the subperitoneal nodules produced by estrogen, 164

GABBE, STEVEN G. (see HATJIS, Wu, and GABBE), 435

GAL, DAVID, OHASHI, MASAO, MACDONALD, PAUL C., BUCHSBAUM, HERBERT J., and SIMPSON, EVAN R. Low-density lipoprotein as a potential vehicle for chemotherapeutic agents and radionucleotides in the management of gynecologic neoplasms, 877

GANTZ, NELSON (see BECKNER ET AL.), 738

GANTZ, NELSON (see BECKNER ET AL.), 738
GARRETT WILLIAM J. (see GILL ET AL.), 720
GAUTHIER, ROBERT J., GRIEGO, BERTRAM D., and GOEBELSMANN, UWE.
ESTRIOI in pregnancy. VII. Unconjugated plasma estriol in
prolonged gestation, 382
GELBER, RICHARD D. (see STILLMAN ET AL.), 62

GENBAČEV, O., ČEMERIKIĆ, B., MOVSESIJAN, M., and ŠULOVIĆ, V. Protein synthesis by human fetal lung, 41

GILES, PATRICK F. (see KULSKI ET AL.), 597

GILL, ROBERT W., TRUDINGER, BRIAN J., GARRETT, WILLIAM J., KOSsoff, George, and Warren, Peter S. Fetal umbilical venous flow measured in utero by pulsed Doppler and B-mode ultrasound. I. Normal pregnancies, 720
GILLIESON, MARTIN S. (see Berger, GILLIESON, and Walters), 320

GILSTRAP, LARRY C. (see LEVENO ET Al.), 403 GINSBURG, DAVID S. (see KHOUZAMI ET AL.), 423

GIRTANNER, ROBERT, JR. (see HELMKAMP ET AL.), 628 GOEBELSMANN, UWE (see GAUTHIER, GRIEGO, and GOEBELSMANN), 382

GONZALEZ, ROSA (see JAGANI ET AL.), 507
GOODLIN, ROBERT C. Naloxone and its possible relationship to fetal

endorphin levels and fetal distress, 16 GOODNOUGH, JOEL E., O'SHAUGHNESSY, RICHARD, and SHOFF, DENNIS. Gonococcal peritonitis following uterine manipulation at laparoscopy, 218 (Comm. in brief)

GORE, HAZEL (see SHINGLETON ET AL.), 799 GOTO, SETSUKO (see TOMODA ET AL.), 742

GRATACOS, JOSÉ (see DRUZIN ET AL.), 194

Gray, J. H. (see Bent et al.), 259 Greenberger, Joel (see Stillman et al.), 62 GREENSPAN, JOEL R. (see PETERSON ET Al.), 141

GRIEGO, BERTRAM D. (see GAUTHIER, GRIEGO, and GOEBELSMANN), 382

GRIEVE, ANDREW (see MACLENNAN ET AL.), 948 GRISCOM, N. T. (see FRIGOLETTO ET AL.), 781 GRUDZINSKAS, J. G. (see FOLKERSEN ET AL.), 910

GUPTA, P. K. (see PARMLEY, GUPTA, and WALKER), 760 GUSDON, JOHN P., JR., and SAIN, LARRY E. Uterine and peripheral blood concentrations of human chorionic gonadotropin and human placental lactogen, 705

GUTTERIDGE, DONALD H. (see KULSKI ET AL.), 597

H

HADDAD, JOHN (see HILLMAN ET AL.), 471

HANSEN, HOLGER (see ADAMS ET AL.), 673 HARA, TAKAKO (see TOMODA ET Al.), 742

HARBERT, GUY M., JR., and SPISSO, KENNETH R. Effect of adrenergic blockade on dynamics of the pregnant primate uterus (Maca mulatta), 767

HARMAN, CHRISTOPHER R., FISH, DAVID G., and TYSON, JOHN E. Factors influencing morbidity in termination of pregnancy, 333

HARRIS, G. B. C. (see FRIGOLETTO ET AL.), 781 HARRIS, ROBERT E. (see LEVENO ET AL.), 403

HARTMANN, PETER E. (see Kulski et al.), 597 HATJIS, CHRISTOS G., PHILIP, ALISTAIR G., ANDERSON, GERALD G., and MANN, LEON I. The in utero ultrasonographic appearance of Klippel-Trenaunay-Weber syndrome, 972 (Comm. in brief)

-, Wu, Chung H., and GABBE, STEVEN G. Amniotic fluid prolactin levels and lecithin/sphingomyelin ratios during the third trimester of human gestation, 435

HAUSSLER, MARK (see HILLMAN ET AL.), 471 HAWES, WARREN E. (see MADORE ET AL.), 516

HAWRYLYSHYN, P. A., BERNSTEIN, P., and PAPSIN, F. R. Risk factors associated with infection following cesarean section, 294

HAY, D. M. (see Bowler-Wong, HAY, and Lorscheider), 243

HAYASHI, LINDA G. (see ELLINGSWORTH ET AL.), 932 HEBERLING, D. (see SCHMIDT, HEBERLING, and KUBLI), 961

HEBJØRN, SØREN (see SONNE-HOLM ET AL.), 693

HEISTERBERG, LARS (see SONNE-HOLM ET AL.), 693

HEJL, BO LØYE (see SONNE-HOLM ET AL.), 693

HELMKAMP, B. FREDERICK, CIVETTA, JOSEPH M., GIRTANNER, ROBERT, JR., Krebs, Hans-B., and Poliakoff, Steven R. The Swan-Ganz catheter and its application in the gynecologic patient,

HELVACIOGLU, AHMET (see SOTREL ET AL.), 134

HEMMINGSSON, ERIK, STENDAHL, ULF, and STENSON, STIG. Cryosurgical treatment of cervical intraepithelial neoplasia with follow-up of five to eight years, 144

HEMSELL, DAVID L. (see CUNNINGHAM ET AL.), 915

HENDERSON, SIMON R. Reversal of female sterilization: Comparison of microsurgical and gross surgical techniques for tubal anas-tomosis, 73

HENNEKENS, CHARLES H. (see ROSENBERG ET AL.), 47

HERNANDEZ, W. (see O'BRIEN ET AL.), 67

HERSCHEL, M. J. (see SBARRA ET AL.), 214 HERSHMAN, JEROME M. (see SOCOL ET AL.), 712

HESSLER, JACK R. (see LIPSHITZ ET AL.), 726

HEXTER, ALFRED C. (see MADORE ET AL.), 516

HILL, LYNDON M. (see MANNING, HILL, and PLATT), 254 HILL, PETER J. (see TAYLOR, CUMMING, and HILL), 239

HILLMAN, LAURA, SATEESHA, SUGUNAMBA, HAUSSLER, MARK, WIEST, WALTER, SLATOPOLSKY, EDUARDO, and HADDAD, JOHN. Control of mineral homeostasis during lactation: Interrelationships of 25-hydroxyvitamin D, 24,25-dihydroxyvitamin D, 1,25-dihydroxyvitamin D, parathyroid hormone, calcitonin, prolactin, and estradiol, 471

HINDERSSON, P. (see FOLKERSEN ET AL.), 910

Ho Yuen, Basil, and Cannon, Wendy. Molar pregnancy in British Columbia: Estimated incidence and postevacuation regression patterns of the beta subunit of human chorionic gonadotropin, 316

HOBBINS, JOHN C. (see MANTAGOS ET AL.), 111 HOBEL, CALVIN J. (see PADBURY ET Al.), 459

HOESCHELE, JAMES (see LAGASSE ET AL.), 791

HOLMBERG, CHARLES A. (see Ellingsworth et al.), 932 Hoskins, Christopher F. (see Kredentser, Hoskins, and Scott), 264

HUANG, SU CHENG (see LEE ET AL.), 702 HUGHES, JAMES P. (see BECKNER ET AL.), 738

HUGHEY HOLT, L. (see NOLTEN, HUGHEY HOLT, and RUECKERT), 477

HUTCHINS, GROVER M. (see MOORE, HUTCHINS, and O'RAHILLY), 500

IAMS, JAY D., and SPRAGUE, MICHAEL. Maternal blood group and col-

onization with the group B streptococcus, 922
INGEMARSSON, I., WESTGREN, M., LINDBERG, C., AHREN, B., LUNDQUIST,
I., and CARLSSON, C. Single injection of terbutaline in term
labor: Placental transfer and effects on maternal and fetal carbohydrate metabolism, 697

- (see Nybell-Lindahl et al.), 20

JACOBS, ALLAN J. (see DEPPE ET AL.), 970

JAFFE, NORMAN (see STILLMAN ET AL.), 62 JAGANI, NASEEM, SCHULMAN, HAROLD, CHANDRA, PRASANTA, GONZALEZ, ROSA, and FLEISCHER, ADIEL. The predictability of labor outcome from a comparison of birth weight and x-ray pelvimetry, 507

Jahlel, Rene I. (see Adams et al.), 673

Jarvis, G. J. Detrusor muscle instability—A complication of surgery, 219 (Comm. in brief)

JATOI, ISMAIL (see KIM ET AL.), 27

JAWAD, M. J. (see WILSON, JAWAD, and DONALDSON), 661 JERNSTROM, P. J. (see O'BRIEN ET AL.), 67 JOHNSON, J. W. C. (see BECK ET AL.), 465

(see JOHNSON ET AL.), 446

(see KHOUZAMI ET AL.), 423

JOHNSON, TIMOTHY R. B., JR., COMPTON, ALAN A., ROTMENSCH, JACOB, WORK, BRUCE A., JR., and JOHNSON, JOHN W. C. Significance of the sinusoidal fetal heart rate pattern, 446

(see Andersen et al.), 173

JOHNSTON, JOHN M. (see OKAZAKI ET Al.), 373

KANZAKI, HIDEHARU (see FUJII ET AL.), 164 KAPPUS, SHERYL (see CUNNINGHAM ET AL.), 915

- (see LEVENO ET AL.), 403

KARCHMAR, E. J. (see LOW ET Al.), 299, 306

KARINIEMI, VEIKKO, and ÄMMÄLÄ, PIRKKO. Short-term variability of fetal heart rate during pregnancies with normal and insufficient placental function, 33 KARP, LAURENCE E. (see SHY, LOGERFO, and KARP), 123

KASERI, SHIGEARI (see TOMODA ET AL.), 742

KASKARELIS, D. (see CREATSAS ET AL.), 522

KATZ, MICHAEL, ROBERTSON, PATRICIA A., and CREASY, ROBERT K. Cardiovascular complications associated with terbutaline treatment for preterm labor, 605 (Current developments)

KAUFMANN, C. (see ZANDER ET AL.), 752 KEAN, CHARLES (see LAGASSE ET AL.), 791 KEEGAN, KIRK A. (see DRUZIN ET AL.), 194

KENNEDY, J. L. (see SBARRA ET AL.), 214

KENNY, JOHN D., and RITTER, DOROTHY A. Seasonality of monthly birth rate in Pennsylvania: Implications for health care planning, 737 (Comm. in brief)

MI, VICTOR A., GINSBURG, DAVID S., DAIKOKU, NORMAN H., and JOHNSON, JOHN W. C. The glucose tolerance test as a means of identifying intrauterine growth retardation, 423

- KIM, YEE S., YOON, YANG-JA, JATOI, ISMAIL, and KIM, YOUNG. Fetal macrosomia in experimental maternal diabetes, 27
- KIM, YOUNG (see KIM ET AL.), 27
- King, S. K. (see Quigley and King), 268 Kitzmiller, J. L. (see Phillippe and Kitzmiller), 407 Kletzky, O. A. (see March et al..), 835
- KOISTINEN, RIITTA (see SIITERI ET AL.), 968
- KORNFELD, STEPHEN J., and WORTHINGTON, MICHAEL G. Cultureproved Fitz-Hugh-Curtis syndrome, 106 (Comm. in brief)
- KORSON, ROY (see BELINSON ET AL.), 148
- Kossoff, George (see Gill et al.), 720 Krantz, Kermit E. (see Masterson et al.), 565
- KREBS, HANS-B. (see HELMKAMP ET AL.), 628
- KREDENTSER, JEREMY V., HOSKINS, CHRISTOPHER F., and SCOTT, JOSEF Z. Hyperprolactinemia—A significant factor in female infer-
- tility, 264 Krishnamsetty, Ramachandra (see Piver, Barlow, and Krishnam-SETTY), 575
- KUBLI, F. (see SCHMIDT, HEBERLING, and KUBLI), 961
- KUHNERT, BETTY R. (see KUHNERT, KUHNERT, and ERHARD), 209
- KUHNERT, PAUL M., KUHNERT, BETTY R., and ERHARD, PENNY. Comparison of mercury levels in maternal blood, fetal cord blood, and placental tissues, 209
- KULSKI, JERZY K., HARTMANN, PETER E., SAINT, WARREN J., GILES, PATRICK F., and GUTTERIDGE, DONALD H. Changes in the milk composition of nonpuerperal women, 597
- LAGASSE, LEO D. Intestinal operations in patients with ovarian carcinoma, 80
- -, Pretorius, R. Gerald, Petrilli, Edmund S., Ford, Larry C., HOESCHELE, JAMES, and KEAN, CHARLES. The metabolism of cis-dichlorodiammineplatinum (II): Distribution, clearance, and toxicity, 791
- LAM, ROBERT W. (see PADBURY ET AL.), 459
- LAMDEN, MERTON P. (see ANDERSON ET AL.), 562
- LARSON, MARTIN (see STILLMAN ET AL.), 62
- LAUGHLIN, CATHERINE F. (see McCormack et al.), 130 LAWRENCE, HAL (see FOWLER, LAWRENCE, and EDELMAN), 109
- LECHER, B. DOUGLAS (see ROSENFELD and LECHER), 105 LEDERMAN, EDWARD, LEDERMAN, REGINA P., WORK, BRUCE A., JR., and
- McCann, Daisy S. Maternal psychological and physiologic correlates of fetal-newborn health status, 956
- LEDERMAN, REGINA P. (see LEDERMAN ET AL.), 956 LEE, JAU NAN, SALEM, HOSSAM T., AL-ANI, ABDULLAH T. M., CHARD, TIM, HUANG, SU CHENG, OUYANG, PEI CHUAN, WEI, PIN YEN, and Seppälä, Markku. Circulating concentrations of specific placental proteins (human chorionic gonadotropin, pregnancy-specific beta-1 glycoprotein, and placental protein 5) in untreated gestational trophoblastic tumors, 702
- LEE, KENNETH (see BELINSON ET AL.), 148
- LEE, P. A. (see BECK ET AL.), 465
- LEVENO, KENNETH J., HARRIS, ROBERT E., GILSTRAP, LARRY C., WHAL-LEY, PEGGY J., CUNNINGHAM, F. GARY, KAPPUS, SHERYL S., and NOBLES, BRENDA. Bladder versus renal bacteriuria during pregnancy: Recurrence after treatment, 403
- LEVY, DONALD L., and ARQUEMBOURG, PIERRE C. Maternal and cord blood complement activity: Relationship to premature rupture of the membranes, 38
- LEWIN, EDWARD B., and AMSTEY, MARVIN S. Natural history of group B streptococcus colonization and its therapy during pregnancy,
- LEWIS, P. E. (see NAULTY, CEFALO, and LEWIS), 708
- (see O'BRIEN ET AL.), 535
- LIEB, STEPHEN M., ZUGAIB, MARCELO, NUWAYHID, BAHIJ, TABSH,
 KHALIL, ERKKOLA, RISTO, USHIODA, ETSUO, BRINKMAN, CHARLES R., III, and ASSALI, NICHOLAS S. Nitroprussideinduced hemodynamic alterations in normotensive and hy-
- pertensive pregnant sheep, 925 Lin, Chin-Chu, Moawad, Atef H., River, Philip, Blix, Petra, Ab-RAHAM, MARILYN, and RUBENSTEIN, ARTHUR H. Amniotic fluid C-peptide as an index for intrauterine fetal growth, 390
- LINDBERG, C. (see INGEMARSSON ET AL.), 697 LIPSHITZ, JEFFREY, BROYLES, KAREN, HESSLER, JACK R., WHYBREW, W. D., AHOKAS, ROBERT A., and ANDERSON, GARLAND D. Effects of hexoprenaline on the lecithin/sphingomyelin ratio and pressure-volume relationships in fetal rabbits, 726

- -, WADE, JAMES E., ANDERSON, GARLAND D., and SIBAI, BAHA M. Evaluation of the Corometrics 315 telemetry system for fetal monitoring, 199
- LoGerfo, James P. (see Shy, LoGerfo, and Karp), 123
- Lohe, K. J. (see Zander et al.), 752 Lolis, D. (see Creatsas et al.), 522
- LONDON, W. T. (see BECK ET AL.), 465
- LONGO, LAWRENCE D. (see Ashwal, Majcher, and Longo), 365 Lorscheider, F. L. (see Bowler-Wong, Hay, and Lorscheider), 243 (see Cumming, Love, and Lorscheider), 250
- LOVE, E. J. (see CUMMING, LOVE, and LORSCHEIDER), 250
- Low, J. A., Cox, M. J., KARCHMAR, E. J., McGrath, M. J., Pancham, S. R., and Piercy, W. N. The effect of maternal, labor, and fetal factors upon fetal heart rate during the intrapartum period, 306
- -, -, and -. The prediction of intrapartum fetal metabolic acidosis by fetal heart rate monitoring, 299
- -, MAUGER, G. M., and CARMICHAEL, J. A. The effect of Wertheim hysterectomy upon bladder and urethral function, 826
- LUNDQUIST, I. (see INGEMARSSON ET AL.), 697
- LUTHER, E. R. (see BENT ET AL.), 259 LYNN, JEAN M. (see BELINSON ET AL.), 148
- Lyons, E. R. (see Cadesky, Ravinsky, and Lyons), 329

- McCann, Daisy S. (see Lederman et al.), 956
- McCarthy, Brian J. (see Rubin et al.), 681
- McComb, Dorothy (see McCormack et al.), 130
- McCormack, William M., Evrard, John R., Laughlin, Catherine F., ROSNER, BERNARD, ALPERT, SUSAN, CROCKETT, VICKI ANN, MCCOMB, DOROTHY, and ZINNER, STEPHEN H. Sexually transmitted conditions among women college students, 130
- MACDONALD, DERMOT (see SUGRUE, BLAKE, and MACDONALD), I
- MACDONALD, PAUL C. (see CARR ET AL.), 416
- (see GAL ET AL.), 877
- (see Okazaki et al.), 373
- McGrath, M. J. (see Low et al.), 299, 306
- McIntosh, James E. A. (see MacLennan et al.), 948
- MacLennan, Alastair H., Millington, Gary, Grieve, Andrew, McIntosh, James E. A., Seamark, Robert F., and Cox, Lloyd W. Neonatal body water turnover: A putative index of
- perinatal morbidity, 948 MADDEN, JAMES D. (see CARR ET AL.), 416
- MADORE, CAROL, HAWES, WARREN E., MANY, FRANK, and HEXTER, ALFRED C. A study on the effects of induced abortion on
- subsequent pregnancy outcome, 516 Magrina, Javier F. (see Masterson et al.), 565 Mahoney, Maurice (see Mantagos et al.), 111
- MAJCHER, JOHN S. (see ASHWAL, MAJCHER, and LONGO), 365
- MANN, LEON I. (see HATJIS ET AL.), 972
- MANNING, FRANK A., HILL, LYNDON M., and PLATT, LAWRENCE D. Qualitative amniotic fluid volume determination by ultra-sound: Antepartum detection of intrauterine growth retardation, 254
- MANTAGOS, STEPHANOS, WEISS, ROBERT R., MAHONEY, MAURICE, and Hobbins, John C. Prenatal diagnosis of diastrophic dwarfism, 111 (Comm. in brief)
- MANY, FRANK (see MADORE ET AL.), 516
- March, C. M., Kletzky, O. A., Davajan, V., Teal, J., Weiss, M., Apuzzo, M. L. J., Marrs, R. P., and Mishell, D. R., Jr. Longitudinal evaluation of patients with untreated prolactin-
- secreting pituitary adenomas, 835 MARRS, R. P. (see MARCH ET AL.), 835

- Martin, Chester B., Jr. (see Murata et al.), 942
 (see Socol et al.), 712
 Masterson, Byron J., Krantz, Kermit E., Calkins, John W., Mag-Rina, Javier F., and Carter, Robert P. The carbon dioxide laser in cervical intraepithelial neoplasia: A five-year experi-
- ence in treating 230 patients, 565
 MAUGER, G. M. (see Low, MAUGER, and CARMICHAEL), 826
- MELMED, SHLOMO (see SOCOL ET AL.), 712
- MILLER, FRANK C. (see READ, MILLER, and PAUL), 669 MILLINGTON, GARY (see MACLENNAN ET AL.), 948
- MILLS, E. GAY (see CLARK ET AL.), 182
- MISHELL, D. R., JR. (see MARCH ET AL.), 835 MITCHELL, GEORGE W., JR. The decision-making process, 745
- (see SBARRA ET AL.), 214

MITRA, S. (see RAO ET AL.), 655 MITZNER, W. (see BECK ET AL.), 465

MIYAKE, KAORU (see MURATA ET AL.), 942 MOAWAD, ATEF H. (see LIN ET AL.), 390

MONHEIT, ALAN G., and RESNIK, ROBERT. Corticosteroid suppression of estrogen-induced uterine blood flow in nonpregnant sheep, 454

MONIF, GILLES R. G. Recovery of Neisseria meningitidis from the cul-desac of a woman with endometritis-salpingitis-peritonitis, 108 (Comm. in brief)

MOORE, G. WILLIAM, HUTCHINS, GROVER M., and O'RAHILLY, RONAN. The estimated age of staged human embryos and early fetuses, 500

Morimoto, Конкі (see Fujii et al.), 164

MORROW, C. P. (see O'BRIEN ET AL.), 67 MOVSESIJAN, M. (see GENBAČEV ET AL.), 41

MURAM, DAVID, OXORN, HARRY, CURRY, R. H., DROUIN, P., and WAL-TERS, JACK H. Postradiation ureteral obstruction: A reappraisal, 289

MURATA, YUJI, MARTIN, CHESTER B., JR., MIYAKE, KAORU, SOCOL, MICHAEL, and DRUZIN, MAURICE. Effect of catecholamine on fetal breathing activity in rhesus monkeys, 942

— (see Socol et al.), 712

NAEYE, RICHARD L., and CHEZ, RONALD A. Effects of maternal acetonuria and low pregnancy weight gain on children's psychomotor development, 189

NAKASHIMA, NOBORU (see FUJII ET AL.), 164 NARUKI, MAYUKO (see TOMODA ET AL.), 742

NAULTY, J., CEFALO, R. C., and LEWIS, P. E. Fetal toxicity of nitroprusside in the pregnant ewe, 708

NELSON, NANCY M. (see SAIGAL ET AL.), 715

NISHI, HIDEO (see TOMODA ET AL.), 742

NISHIMURA, TOSHIO (see FUJII ET AL.), 164

NOBLES, BRENDA (see CUNNINGHAM ET AL.), 915 (see Leveno et al.), 403

NOLTEN, W. E., and RUECKERT, P. A. Elevated free cortisol index in pregnancy: Possible regulatory mechanisms, 492
HUGHEY HOLT, L., and RUECKERT, P. A. Desoxycorticosterone in

normal pregnancy. III. Evidence of a fetal source of desoxycorticosterone, 477

NUWAYHID, BAHIJ (see LIEB ET AL.), 925

Nybell-Lindahl, Gunilla, Carlsson, Christer, Ingemarsson, Ingemar, Westgren, Magnus, and Paalzow, Lennart. Maternal and fetal concentrations of morphine after epidural administration during labor, 20

OAKLEY, GODFREY P., JR. (see Adams et al.), 673

OBER, K. G. (see ZANDER ET AL.), 752

O'BRIEN, GREGORY D., QUEENAN, JOHN T., and CAMPBELL, STUART.

Assessment of gestational age in the second trimester by real-time ultrasound measurement of the femur length, 540

O'BRIEN, T. J., HERNANDEZ, W., JERNSTROM, P. J., SEYMOUR, D. B., MORROW, C. P., and SYKES, J. A. Modulation of protein ex-pression in endometrial adenocarcinoma cells by in vitro exposure to estradiol and progesterone, 67

O'BRIEN, W. F., CEFALO, R. C., LEWIS, P. E., FLETCHER, J. R., and RAMWELL, P. W. The role of prostaglandins in endotoxemia and comparisons in response in the nonpregnant, maternal, and fetal models. II. Alterations in prostaglandin physiology in the nonpregnant, pregnant, and fetal experimental animal,

OHASHI, MASAO (see GAL ET AL.) 877

O'HERLIHY, C. (see DE CRESPIGNY, O'HERLIHY, and ROBINSON), 636 OKAGAKI, TAKASHI (see TWIGGS, CLARK, and OKAGAKI), 640

OKAMURA, HITOSHI (see FUJII ET AL.), 164

OKAZAKI, TAKESHI, CASEY, M. LINETTE, OKITA, JANICE R., MACDONALD, PAUL C., and JOHNSTON, JOHN M. Initiation of human parturition. XII. Biosynthesis and metabolism of prostaglandins in human fetal membranes and uterine decidua, 373 OKITA, JANICE R. (see OKAZAKI ET AL.), 373

OKUDA, YUJI (see FUJII ET AL.), 164

O'LEARY, JAMES A., and ANDRINOPOULOS, GEORGE C. Correlation of daily fetal movements and the nonstress test as tools for assessment of fetal welfare, 107 (Comm. in brief)

O'RAHILLY, RONAN (see MOORE, HUTCHINS, and O'RAHILLY), 500

ORY, HOWARD W. (see PETERSON ET AL.), 141 OSBORNE, RAYMOND J. (see CRAMER and OSBORNE), 285 OSBURN, BENNIE 1. (see ELLINGSWORTH ET AL.), 932

O'SHAUGHNESSY, RICHARD (see GOODNOUGH, O'SHAUGHNESSY, and SHOFF), 218

- (see ZUSPAN ET AL.), 678

Ossowski, Richard (see Deutsch, Ossowski, and Benjamin), 967

OULTON, M. (see BENT ET AL.), 259 OUYANG, PEI CHUAN (see LEE ET AL.), 702

OXORN, HARRY (see MURAM ET AL.), 289

P

PAALZOW, LENNART (see Nybell-Lindahl et al.), 20

PADBURY, JAMES F., HOBEL, CALVIN J., DIAKOMANOLIS, EMMANUEL S., LAM, ROBERT W., and FISHER, DELBERT A. Ontogenesis of beta-adrenergic receptors in the ovine placenta, 459 PANCHAM, S. R. (see LOW ET AL.), 299, 306

PAPILLO, JACALYN L. (see BELINSON ET AL.), 148

PAPSIN, F. R. (see HAWRYLYSHYN, BERNSTEIN, and PAPSIN), 294

PARKER, C. RICHARD, JR. (see CARR ET AL.), 416

PARMLEY, T. H., GUPTA, P. K., and WALKER, M. A. "Aging" pigments in term human placenta, 760

Patrick, John, Challis, John, Campbell, Karen, Carmichael, Les-ley, Richardson, Bryan, and Tevaarwerk, Gerald. Effects of synthetic glucocorticoid administration on human fetal breathing movements at 34 to 35 weeks' gestational age, 324

— (see Challis et al.), 338 - (see RICHARDSON ET AL.), 344

PAUL, RICHARD H. (see READ, MILLER, and PAUL), 669

(see DRUZIN ET AL.), 194

PAVLATOS, M. (see CREATSAS ET Al.), 522

PEARSON MURPHY, BEVERLEY E. Demonstration of novel compounds in human fetal tissues and a consideration of their possible role in parturition, 353

PEDDLE, L. I. (see BENT ET AL.), 259

PERKINS, RICHARD P. The neonatal significance of selected perinatal events among infants of low birth weight. I. Overall results,

Peterson, Herbert B., Ory, Howard W., Greenspan, Joel R., and Tyler, Carl W., Jr. Deaths associated with laparoscopic sterilization by by unipolar electrocoagulating devices, 1978 and 1979, 141

(see RUBIN ET AL.), 681

PETRILLI, EDMUND S. (see LAGASSE ET AL.), 791

Pezeshkpour, G. Solitary paraganglioma of the vagina—Report of a case, 219 (Comm. in brief)

PHELAN, JEFFREY P. The nonstress test: A review of 3,000 tests, 7

- (see SLOMKA and PHELAN), 11

Philip, Alistair G. (see Hatjis et al.), 972 Philipps, Anthony F., Dubin, Joseph W., and Raye, John R. Effect of endogenous insulin release on fetal alanine concentration and uptake, 22

-, and -. Fetal metabolic response to endogenous insulin release, 441

PHILLIPPE, M., and KITZMILLER, J. L. The fetal and maternal catecholamine response to insulin-induced hypoglycemia in the rat, 407

- and RYAN, K. J. Catecholamines in human amniotic fluid, 204 PIERCY, W. N. (see Low et al.), 299, 306

PITKIN, ROY M. (see REYNOLDS, WILLIAMS, and PITKIN), 855

Piver, M. Steven, Barlow, Joseph J., and Krishnamsetty, Ramachandra. Five-year survival (with no evidence of dis-ease) in patients with biopsy-confirmed aortic node metastasis

from cervical carcinoma, 575 PLATT, LAWRENCE D. (see MANNING, HILL, and PLATT), 254 POLAN, MARY LAKE, and BEHRMAN, HAROLD R. Prolactin-stimulated ovarian androgen metabolism, 487

POLIAKOFF, STEVEN R. (see HELMKAMP ET Al.), 628 PORTER, JOHN C. (see CARR ET AL.), 416

PRETORIUS, R. GERALD (see LAGASSE ET AL.), 791

QUEENAN, JOHN T. (see O'Brien, Queenan, and Campbell), 540 QUIGLEY, G. J., and KING, S. K. Transvaginal retropubic urethropexy, R

RAGHUNATHAN, RENGACHARI, and FOSTER, HENRY W., JR. Phosphoenolpyruvate carboxykinase activity in human amniotic fluid, 939

RAMWELL, P. W. (see O'BRIEN ET AL.), 535

RANTA, TAPIO (see SHTERI ET AL.), 968

RAO, CH. V., MITRA, S., SANFILIPPO, J., and CARMAN, F. R., JR. The presence of gonadotropin binding sites in the intracellular organelles of human ovaries, 655

RAVINSKY, E. (see CADESKY, RAVINSKY, and Lyons), 329 RAYE, JOHN R. (see PHILIPPS, DUBIN, and RAYE), 22, 441

READ, JOHN A., MILLER, FRANK C., and PAUL, RICHARD H. Randomized trial of ambulation versus oxytocin for labor enhancement: A

preliminary report, 669
REID, ROBERT L., and YEN, S. S. C. Premenstrual syndrome, 85 (Current developments)

RENOU, PETER. An applicator for the Hulka fallopian tube clip, 665 RESNIK, ROBERT (see MONHEIT and RESNIK), 454

REYNOLDS, A. (see FADEL ET AL.), 397

WILLIAMS, GERALD A., and PITKIN, ROY M. Calcitropic hormone responsiveness during pregnancy, 855
 RICHARDSON, BRYAN, CAMPBELL, KAREN, CARMICHAEL, LESLEY, and

PATRICK, JOHN. Effects of external physical stimulation on fetuses near term, 344

(see CHALLIS ET AL.), 338

— (see Patrick et al.), 324 Ritter, Dorothy A. (see Kenny and Ritter), 737

RIVER, THILIP (see LIN ET AL.), 390

ROARK, MICKI (see CUNNINGHAM ET AL.), 915

ROBERTSON, PATRICIA A. (see KATZ, ROBERTSON, and CREASY), 605 ROBINSON, H. P. (see DE CRESPIGNY, O'HERLIHY, and ROBINSON), 636

ROCHAT, ROGER W. (see RUBIN ET AL.), 681 ROSEN, MORTIMER G. An introduction to the process of consensus, 901

ROSENBERG, ERIC R., and TROUGHT, WILLIAM S. The ultrasonographic evaluation of large cystic pelvic masses, 579

ROSENBERG, LYNN, HENNEKENS, CHARLES H., ROSNER, BERNARD, BE-LANGER, CHARLENE, ROTHMAN, KENNETH J., and Speizer, Frank E. Early menopause and the risk of myocardial infarction, 47

ROSENFELD, DAVID L., and LECHER, B. DOUGLAS. Endometriosis in a patient with Rokitansky-Kuster-Hauser syndrome, 105 (Comm. in brief)

ROSNER, BERNARD (see McCormack et al.), 130

- (see ROSENBERG ET AL.), 47

ROTHMAN, KENNETH J. (see ROSENBERG ET AL.), 47

ROTMENSCH, JACOB (see JOHNSON ET AL.), 446 RUBENSTEIN, ARTHUR H. (see LIN ET AL.), 390

RUBIN, GEORGE L., PETERSON, HERBERT B., KOCHAT, ROGER W., McCarthy, Brian J., and Terry, Jules S. Maternal death after cesarean section in Georgia, 681

RUECKERT, P. A. (see NOLTEN and RUECKERT), 492 (see NOLTEN, HUGHEY HOLT, and RUECKERT), 477

RYAN, K. J. (see PHILLIPPE and RYAN), 204 — (see Albrechet et al.), 631

SABBAGHA, RUDY E. (see WEINER ET AL.), 953

SAIGAL, SAROJ, NELSON, NANCY M., BENNETT, KATHRYN J., and ENKIN, MURRAY W. Observations on the behavioral state of newborn infants during the first hour of life, 715

SAIN, LARRY E. (see Gusdon and SAIN), 705 SAINT, WARREN J. (see KULSKI ET AL.), 597 SALEM, HOSSAM T. (see LEE ET AL.), 702

SANFILIPPO, J. (see RAO ET AL.), 655

SANGER, WARREN (see ADAMS ET AL.), 673 SATEESHA, SUGUNAMBA (see HILLMAN ET AL.), 471

SBARRA, A. J., BLAKE, G., CETRULO, C. L., SELVARAJ, R. J., HERSCHEL, M. J., DELISE, C., KENNEDY, J. L., and MITCHELL, G. W., JR. The effect of cervical/vaginal secretions on measurements of lecithin/sphingomyelin ratio and optical density at 650 nm,

SCHIFF, ISAAC (see ALBRECHT ET AL.), 631

- (see STILLMAN ET AL.), 62

SCHINFELD, JAY S. (see STILLMAN ET AL.), 62

SCHMIDT, W., HEBERLING, D., and KUBLI, F. Antepartum ultrasonographic diagnosis of conjoined twins in early pregnancy, 961 (Comm. in brief)

SCHULMAN, HAROLD (see JAGANI ET AL.), 507

SCHWEITZER, VICTORIA (see DUNN and SCHWEITZER), 868

SCOMMEGNA, ANTONIO (see SOTREL ET AL.), 134

- (see Takahashi et al.), 427

SCOTT, JOSEF Z. (see KREDENTSER, HOSKINS, and SCOTT), 264

SEAMARK, ROBERT F. (see MACLENNAN ET AL.), 948

SEEDS, ASA E. (see CLARK ET AL.), 182 SELVARAJ, R. J. (see SBARRA ET AL.), 214

SEMCHYSHYN, STEFAN. Gastrointestinal hemorrhage in puerperium of pre-eclamptic patients who received glucocorticoid therapy, 217 (Comm. in brief)

SEPPÄLÄ, MARKKU (see LEE ET AL.), 702

(see SIITERI ET AL.), 968 SEYMOUR, D. B. (see O'BRIEN ET AL.), 67

SHELTON, JAMES D., and TAYLOR, ROBERT N., JR. The Pearl Pregnancy Index reexamined: Still useful for clinical trials of contraceptives, 592

SHINGLETON, HUGH M., GORE, HAZEL, BRADLEY, DOROTHY H., and Soong, Seng-Jaw. Adenocarcinoma of the cervix. I. Clinical evaluation and pathologic features, 799

SHOFF, DENNIS (see GOODNOUGH, O'SHAUGHNESSY, and SHOFF), 218
SHY, KIRKWOOD K., LOGERFO, JAMES P., and KARP, LAURENCE E.
Evaluation of elective repeat cesarean section as a standard of

care: An application of decision analysis, 123 (Clinical opinion)

SIBAI, BAHA M. (see Lipshitz et al.), 199 SIITERI, JON E., KOISTINEN, RIITTA, RANTA, TAPIO, STENMAN, ULF-HÅKAN, and SEPPÄLÄ, MARKKU. Use of a rapid radioimmunoassay for pregnancy-specific beta-1 glycoprotein in gynecologic emergencies: Comparison with routine urinary pregnancy test and a rapid radioimmunoassay for human cho-rionic gonadotropin, 968 (Comm. in brief) SILLMAN, FREDERICK, BOYCE, JOHN, and FRUCHTER, RACHEL. The signi-

ficance of atypical vessels and neovascularization in cervical

neoplasia, 154

SIMAK, KATHLEEN A. (see EICHNER and SIMAK), 222

SIMPSON, EVAN R. (see GAL ET AL.), 877

SLATOPOLSKY, EDUARDO (see HILLMAN ET AL.), 471

SLOMKA, CHARLES, and PHELAN, JEFFREY P. Pregnancy outcome in the patient with a nonreactive nonstress test and a positive contraction stress test, 11

SLY, D. L. (see BECK ET AL.), 465

Socol, Michael L., Conn, Julius, Jr., and Frederiksen, Marilynn C.
Pregnancy associated with partial aortic occlusion, 965 (Comm. in brief)

-, Druzin, Maurice L., Murata, Yuji, Melmed, Shlomo, Martin, CHESTER B., JR., and HERSHMAN, JEROME M. A cyclic variation in thyroid-stimulating hormone in the fetal rhesus monkey,

(see MURATA ET AL.), 942

SONNE-HOLM, STIG, HEISTERBERG, LARS, HEBJØRN, SØREN, DYRING-ANDERSEN, KNUD, ANDERSEN, JENS THORUF, and HEJL, BO LØYE. Prophylactic antibiotics in first-trimester abortions: A clinical, controlled trial, 693

Soong, Seng-Jaw (see Shingleton et al.), 799

SOTREL, GINTER, HELVACIOGLU, AHMET, DOWERS, SUSAN, SCOMMEGNA, ANTONIO, and AULETTA, FREDERICK J. Mechanism of luteolysis: Effect of estradiol and prostaglandin $F_{2\alpha}$ on corpus luteum luteinizing hormone/human chorionic gonadotropin receptors and cyclic nucleotides in the rhesus monkey, 134

SPEIZER, FRANK E. (see ROSENBERG ET AL.), 47 SPISSO, KENNETH R. (see HARBERT and SPISSO), 767

SPRAGUE, MICHAEL (see IAMS and SPRAGUE), 922 STAFL, ADOLF. Cervicography: A new method for cervical cancer

detection, 815

STALLINGS, M. (see FADEL ET AL.), 397 STENCHEVER, M. A. (see WILLIAMSON and STENCHEVER), 178

STENDAHL, ULF (see HEMMINGSSON, STENDAHL, and STENSON), 144

STENMAN, ULF-HÅKAN (see SIITERI ET AL.), 968

STENSON, STIG (see HEMMINGSSON, STENDAHL, and STENSON), 144 STILLMAN, ROBERT J., SCHINFELD, JAY S., SCHIFF, ISAAC, GELBER, RICHARD D., GREENBERGER, JOEL, LARSON, MARTIN, JAFFE, NORMAN, and LI, FREDERICK P. Ovarian failure in long-term survivors of childhood malignancy, 62 STRATE, RICHARD G. (see ZASKE ET AL.), 896

STUART, G. C. E., ALLEN, H. H., and ANDERSON, R. J. Squamous cell carcinoma of the vagina following hysterectomy, 311

STYS, STANLEY J. (see CLARK ET AL.), 182

SUGRUE, DECIAN, BLAKE, SEAN, and MACDONALD, DERMOT. Pregnancy complicated by maternal heart disease at the National Maternity Hospital, Dublin, Ireland, 1969 to 1978, 1

SULOVIC, V. (see GENBAČEV ET AL.), 41

SURTI, URVASHI (see BERMAN, TOBON, and SURTI), 963

SWAN, SHANNA H., and BROWN, WILLARD L. Oral contraceptive use, sexual activity, and cervical carcinoma, 52

SYBERT, VIRGINIA P. (see Cassidy, Benedetti, and Sybert), 221 SYKES, J. A. (see O'BRIEN ET AL.), 67

TABSH, KHALIL (see LIEB ET AL.), 925

TAKAHASHI, KATSUHIKO, AULETTA, FREDERICK, TSENG, HSIU-YU, SCOMMEGNA, ANTONIO, and BURD, LAURENCE I. Lack of relationship between prolactin and adrenal steroidogenesis in the ovine fetus, 427

TAKENAKA, AXIRA (see FUJII ET AL.), 164

TAMURA, RALPH K. (see Weiner et al.), 953
TAYLOR, PATRICK J., CUMMING, DAVID C., and Hill, Peter J. Significance of intrauterine adhesions detected hysteroscopically in eumenorrheic infertile women and role of antecedent curettage in their formation, 239

TAYLOR, ROBERT N., JR. (see SHELTON and TAYLOR, 592

TEAL, J. (see MARCH ET AL.), 835 TEISNER, B. (see FOLKERSEN ET AL.), 910

TERRY, JULES S. (see RUBIN ET AL.), 681

TEVAARWERK, GERALD (see CHALLIS ET AL.), 338

(see PATRICK ET AL.), 324

THORNTON, YVONNE S., and CERAMI, ANTHONY. Sickle cell crisis during pregnancy in a patient with hemoglobin SD disease, 739 (Comm. in brief)

TOBON, HECTOR (see Berman, TOBON, and Surti), 963 TOMODA, YUTAKA, KASEKI, SHIGEAKI, GOTO, SETSUKO, NISHI, HIDEO, Нака, Такако, and Naruki, Mayuko. Rh-D factor in tro-phoblastic tumors: A possible cause of the high incidence in Asia, 742 (Comm. in brief)

TROUGHT, WILLIAM S. (see ROSENBERG and TROUGHT), 579

TRUDINGER, BRIAN J. (see GILL ET AL.), 720

TSENG, HSIU-YU (see TAKAHASHI ET AL.), 427

TULCHINSKY, DAN (see ALBRECHT ET AL.), 631

TWIGGS, LEO B., CLARK, BARBARA A., and OKAGAKI, TAKASHI. Basal cell pseudopodia in cervical intraepithelial neoplasia; progressive reduction of number with severity: A morphometric quantification, 640

Tyler, Carl W., Jr. (see Peterson et al.), 141 Tyson, John E. (see Harman, Fish, and Tyson), 333

UMANSKY, I. (see FRIGOLETTO ET AL.), 781 USHIODA, ETSUO (see LIEB ET AL.), 925

VIINIKKA, L. (see YLIKORKALA and VIINIKKA), 690

VINSEL, J. (see Zuspan et al.), 678

WADE, JAMES E. (see LIPSHITZ ET AL.), 199

WALKER, M. A. (see PARMLEY, GUPTA, and WALKER), 760

WALTERS, JACK H. (see BERGER, GILLIESON, and WALTERS), 320

(see MURAM ET AL.), 289

WARENSKI, JAMES C. A technique to facilitate delivery of the high-floating head at cesarean section, 625 (Clinical opinion) WARREN, K. G. (see BECK, WARREN, and WHITMAN), 273

WARREN, PETER S. (see GILL ET AL.), 720

WEI, PIN YEN (see LEE ET AL.), 702

WEINER, CARL P. The pseudogestational sac in ectopic pregnancy, 959 (Comm. in brief)

-, SABBAGHA, RUDY E., TAMURA, RALPH K., and DALCOMPO, SHARON. Sonographic abdominal circumference: Dynamic versus static imaging, 953

WEINER, LEONARD (see YAMBAO ET AL.), 937

WEISS, M. (see MARCH ET AL.), 835

WEISS, ROBERT R. (see MANTAGOS ET AL.), 111

WELLS, GWYNNE (see ADAMS ET AL.), 673

WERTELECKI, WLADAMIR (see ADAMS ET AL.), 673

WESTERGAARD, J. G. (see FOLKERSEN ET AL.), 910 WESTGREN, M. (see INGEMARSSON ET AL.), 697

(see NYBELL-LINDAHL ET AL.), 20

WHALLEY, PEGGY J. (see LEVENO ET AL.), 403 WHITMAN, P. (see BECK, WARREN, and WHITMAN), 273

WHYBREW, W. D. (see LIPSHITZ ET AL.), 726

WIEST, WALTER (see HILLMAN ET AL.), 471 WILCOX, ALLEN J. Birth weight, gestation, and the fetal growth curve,

863 (Clinical opinion)

WILKES, MAHLON M. (see Divers et al.), 483
WILLIAMS, GERALD A. (see REYNOLDS, WILLIAM, and PITKIN), 855
WILLIAMSON, R. A., and STENCHEVER, M. A. The effect of diazepam on

rates of fertilization in the CF-I mouse, 178

EMERY A., JAWAD, M. J., and DONALDSON, E. S.
Corticosteroid-binding globulin as a biologic assay for endogenous estrogen in patients with and without endometrial carcinoma, 661

Work, Bruce A., Jr. (see Johnson et al.), 446
— (see Lederman et al.), 956

WORLD HEALTH ORGANIZATION, Task Force on Methods for the Determination of the Fertile Period, Special Programme of Research, Development and Research Training in Human Reproduction. Temporal relationships between ovulation and defined changes in the concentration of plasma estradiol-17*B*, luteinizing hormone, follicle-stimulating hormone, and progesterone. II. Histologic dating, 886

WORTHINGTON, MICHAEL G. (see KORNFELD and WORTHINGTON), 106

Wu, Chung H. (see Hatjis, Wu, and Gabbe), 435

YAMBAO, THELMA J., CLARK, DAVID, WEINER, LEONARD, and AUBRY, RICHARD H. Isolation of cytomegalovirus from the amniotic fluid during the third trimester, 937

YEN, S. S. C. (see REID and YEN), 85

— (see DIVERS ET AL.), 483 YLIKORKALA, O., and VIINIKKA, L. Prostacyclin, thromboxane, and prostaglandin $F_{2\alpha}$ in maternal plasma during breast-feeding, 690

YOON, YANG-JA (see KIM ET AL.), 27

ZANDER, J., BALTZER, J., LOHE, K. J., OBER, K. G., and KAUFMANN, C. Carcinoma of the cervix: An attempt to individualize treat-

ZASKE, DARWIN E., CIPOLLE, ROBERT J., STRATE, RICHARD G., and DICKES, WILLIAM F. Increased gentamicin dosage requirements: Rapid elimination in 249 gynecology patients, 896

ZINNER, STEPHEN H. (see McCormack et al.), 130

ZUGAIB, MARCELO (see LIEB ET AL.), 925

ZUSPAN, F. P., O'SHAUGHNESSY, R. W., VINSEL, J., and ZUSPAN, M. Adrenergic innervation of uterine vasculature in human term

pregnancy, 678
ZUSPAN, M. (see ZUSPAN ET AL.), 678

Subject index*

Abdominal circumference, sonographic: Dynamic versus static imaging (Weiner et al.), 953

Abortion(s), first-trimester, prophylactic antibiotics in: Clinical, controlled trial (Sonne-Holm et al.), 693

induced, study on effects of, on subsequent pregnancy outcome (Madore et al.), 516 midtrimester, preferred method of: Dilation and evacuation (Ca-

desky, Ravinsky, and Lyons), 329

Absorption, systemic, of vaginally and orally administered estrogens, comparison between degree of, at different dose levels in postmenopausal women (Deutsch, Ossowski, and Benja-min), 967 (Comm. in brief)

Acetonuria, maternal, and low pregnancy weight gain, effects of, on children's psychomotor development (Naeye and Chez),

Acidosis, intrapartum fetal metabolic, prediction of, by fetal heart rate monitoring (Low et al.), 299

Adenocarcinoma cells, endometrial, modulation of protein expression

in, by in vitro exposure to estradiol and progesterone (O'Brien et al.), 67

of cervix. I. Clinical evaluation and pathologic features (Shingleton et al.). 799

in one horn and atypical endometrial hyperplasia in other, uterus didelphys unicollis with: Case report (Eichner and Simak), 222 (Comm. in brief)

Adenomas, untreated prolactin-secreting pituitary, longitudinal eval-uation of patients with (March et al.), 835

Adhesions, intrauterine, detected hysteroscopically, significance of, in eumenorrheic infertile women and role of antecedent curettage in their formation (Taylor, Cumming, and Hill),

Adolescent health care and role of obstetrician-gynecologist, analysis of (Davidson), 845

menorrhagia, acute (Claessens and Cowell), 277

Adrenal responses to prostaglandin E2 in newborn lambs (Carson and Challis), 359

steroidogenesis, prolactin and, lack of relationship between, in ovine fetus (Takahashi et al.), 427

Adrenergic, beta-, receptors, ontogenesis of, in ovine placenta (Pad-bury et al.), 459 blockade, effect of, on dynamics of pregnant primate uterus (Macaca

mulatta) (Harbert and Spisso), 767

innervation of uterine vasculature in human term pregnancy (Zuspan et al.), 678

Adrenocorticotropin, maternal plasma, and cortisol relationships throughout human pregnancy (Carr et al.), 416
Age assessment, gestational. I. Analysis of individual clinical observa-

tions (Andersen et al.), 173 estimated, of staged human embryos and early fetuses (Moore,

Hutchins, and O'Rahilly), 500 gestational, assessment of, in second trimester by real-time ultrasound measurement of femur length (O'Brien, Queenan, and Campbell), 540

34 to 35 weeks' gestational, effects of synthetic glucocorticoid administration on human fetal oreathing movements at (Patrick et al.), 324

women 35 years of, and older, utilization of prenatal genetic diagnosis in, in United States, 1977 to 1978 (Adams et al.), 673

Agglutinating, sperm-, antibodies, circulating, postcoital testing in re-lation to, in women (Friberg), 587 "Aging" pigments in term human placenta (Parmley, Gupta, and

Walker), 760 Alameda County, California, 1960 to 1974, relationship of cervical cytology to incidence of invasive cervical cancer and mortality in (Dunn and Schweitzer), 868

Alanine concentration and uptake, fetal, effect of endogenous insulin release on (Philipps, Dubin, and Raye), 22

Ambulation versus oxytocin for labor enhancement, randomized trial of: Preliminary report (Read, Miller, and Paul), 669

Amenorrhea-galactorrhea associated with hypothalamic hypothyroidism (Check and Adelson), 736 (Comm. in brief)

American Association of Obstetricians and Gynecologists and American Gynecological Society, transactions, first combined an-

nual meeting, 745-864 Gynecological Society, The American Association of Obstetricians and Gynecologists and, first combined annual meeting, 745-864

Amniocentesis, sonographic demonstration of uterine contraction dur-

ing (Finberg and Frigoletto), 740 (Comm. in brief) Amniotic fluid C-peptide as index for intrauterine fetal growth (Lin et al.), 390

compartment, increase in catecholamines and metabolites in, from middle to late gestation (Divers et al.), 483

human, catecholamines in (Phillippe and Ryan), 204

human, phosphoenolpyruvate carboxykinase activity in (Raghunathan and Foster), 939

isolation of cytomegalovirus from, during third trimester (Yambao et al.), 937

pregnancy urine and, detection in: Protein-binding radioassay for 6β-hydroxycortisol (Bowler-Wong, Hay, and Lorscheider), 243

prolactin levels and lecithin/sphingomyelin ratios during third trimester of human gestation (Hatjis, Wu, and Gabbe), 435 10,000 × g pellet, phosphatidylglycerol determination on, in

prediction of fetal lung maturity (Bent et al.), 259 volume determination, qualitative, by ultrasound: Antepartum detection of intrauterine growth retardation (Manning, Hill, and Platt), 254

Anastomosis, tubal, comparison of microsurgical and gross surgical techniques for: Reversal of female sterilization (Henderson), 73

Androgen metabolism, prolactin-stimulated ovarian (Polan and Behrman), 487

Antepartum detection of intrauterine growth retardation: Qualitative amniotic fluid volume determination by ultrasound (Manning, Hill, and Platt), 254

fetal heart rate testing. VII. Significance of fetal bradycardia (Druzin et al.), 194

ultrasonographic diagnosis of conjoined twins in early pregnancy (Schmidt, Heberling, and Kubli), 961 (Comm. in brief) Antibiotics, prophylactic, in first-trimester abortions: Clinical, con-

trolled trial (Sonne-Holm et al.), 693

Antibodies, circulating sperm-agglutinating, postcoital testing in relation to, in women (Friberg), 587

Aortic node metastasis, biopsy-confirmed, from cervical carcinoma, five-year survival (with no evidence of disease) in patients with (Piver, Barlow, and Krishnamsetty), 575

occlusion, partial, pregnancy associated with (Socol, Conn, and Frederiksen), 965 (Comm. in brief)

Applicator for Hulka fallopian tube clip (Renou), 665

Asia, possible cause of high incidence in: Rh-D factor in trophoblastic tumors (Tomoda et al.), 742 (Comm. in brief) Aspiration cytology, fine-needle, in management of gynecologic cancer

(Belinson et al.), 148

Assay, biologic, for endogenous estrogen, corticosteroid-binding globulin as, in patients with and without endometrial carcinoma (Wilson, Jawad, and Donaldson), 661

Bacterial contamination of cervix and premature rupture of membranes (Creatsas et al.), 522

Bacteriuria, bladder versus renal, during pregnancy: Recurrence after

treatment (Leveno et al.), 403

Basal cell pseudopodia in cervical intraepithelial neoplasia; progressive reduction of number with severity: Morphometric quantification (Twiggs, Clark, and Okagaki), 640

Behavioral state of newborn infants during first hour of life, observations on (Saigal et al.), 715

*January 1, 1-122; January 15, 123-238; February 1, 239-364; February 15, 365-498; March 1, 499-624; March 15, 625-744; April 1, 745-862; April 15, 863-1004.

- Beta-adrenergic receptors, ontogenesis of, in ovine placenta (Padbury et al.), 459
 - -hemolytic streptococci, group B, and puerperal infections (Faro), 686
 - -1 glycoprotein, pregnancy-specific, placental protein 5 and human chorionic gonadotropin (specific placental proteins), circulating concentrations of, in untreated gestational trophoblastic tumors (Lee et al.), 702
 - use of rapid radioimmunoassay for, in gynecologic emergencies: Comparison with routine urinary pregnancy test and rapid radioimmunoassay for human chorionic gonadotropin (Siiteri et al.), 968 (Comm. in brief)
- Binding, corticosteroid-, globulin as biologic assay for endogenous estrogen in patients with and without endometrial carcinoma (Wilson, lawad, and Donaldson), 661
- protein-, radioassay for 6β-hydroxycortisol: Detection in pregnancy urine and amniotic fluid (Bowler-Wong, Hay, and Lorscheider), 243
- sites, gonadotropin, presence of, in intracellular organelles of human ovaries (Rao et al.), 655
- Biopsy-confirmed aortic node metastasis from cervical carcinoma, fiveyear survival (with no evidence of disease) in patients with (Piver, Barlow, and Krishnamsetty), 575
- Biosynthesis and metabolism of prostaglandins in human fetal membranes and uterine decidua, XII. Initiation of human parturition (Okazaki et al.), 373
- Birth rate, monthly, in Pennsylvania, seasonality of: Implications for health care planning (Kenny and Ritter), 737 (Comm. in brief)
- weight, gestation, and fetal growth curve (Wilcox), 863 (Clinical opinion)
- low, infants of, neonatal significance of selected perinatal events among. I. Overall results (Perkins), 546
- and x-ray pelvimetry, predictability of labor outcome from comparison of (Jagani et al.), 507
- Bladder and urethral function, effect of Wertheim hysterectomy upon
- (Low, Mauger, and Carmichael), 826 versus renal bacteriuria during pregnancy: Recurrence after treat-ment (Leveno et al.), 403
- Blockade, effect of, on dynamics of pregnant primate uterus (Macaca mulatta) (Harbert and Spisso), 767
- Blood complement activity, maternal and cord: Relationship to prema-
- ture rupture of membranes (Levy and Arquembourg), 38 concentrations, uterine and peripheral, of human chorionic gonadotropin and human placental lactogen (Gusdon and Sain), 705
- cord, of infants of normal and diabetic mothers, minor (glycosylated) hemoglobins in (Fadel et al.), 397
- flow, estrogen-induced uterine, corticosteroid suppression of, in nonpregnant sheep (Monheit and Resnik), 454
 - fetal lamb regional cerebral, patterns of, during and after prolonged hypoxia: Studies during posthypoxic recovery period (Ashwal, Majcher, and Longo), 365
- group, maternal, and colonization with group B streptococcus (Iams and Sprague), 922
- maternal, fetal cord blood, and placental tissues, comparison of mercury levels in (Kuhnert, Kuhnert, and Erhard), 209
- Body water turnover, neonatal: Putative index of perinatal morbidity (MacLennan et al.), 948 Books received, 238, 744
- Bradycardia, fetal, significance of, VII. Antepartum fetal heart rate testing (Druzin et al.), 194
- Breast-feeding, prostacyclin, thromboxane, and prostaglandin F_{2α} in maternal plasma during (Ylikorkala and Viinikka), 690
- Breathing activity, fetal, effect of catecholamine on, in rhesus monkeys (Murata et al.), 942
- movements, human fetal, effects of synthetic glucocorticoid administration on, at 34 to 35 weeks' gestational age (Patrick et al.),
- British Columbia, molar pregnancy in: Estimated incidence and postevacuation regression patterns of beta subunit of human chorionic gonadotropin (Ho Yuen and Cannon), 316
 - C
- C-peptide, amniotic fluid, as index for intrauterine fetal growth (Lin et al.), 390

- Calcitonin, prolactin, estradiol, 25-hydroxyvitamin D, 24,25-dihydroxyvitamin D, 1,25-dihydroxyvitamin D, and parathyroid hormone: Control of mineral homeostasis during lactation (Hillman et al.), 471
- Calcitropic hormone responsiveness during pregnancy (Reynolds, Williams, and Pitkin), 855
- California, Alameda County, 1960 to 1974, relationship of cervical cytology to incidence of invasive cervical cancer and mortality in (Dunn and Schweitzer), 868
- Cancer detection, cervical, new method for: Cervicography (Stafl), 815 gynecologic, fine-needle aspiration cytology in management of (Belinson et al.), 148
 - invasive cervical, and mortality, relationship of cervical cytology to incidence of, in Alameda County, California, 1960 to 1974 (Dunn and Schweitzer), 868
- Carbohydrate metabolism, maternal and fetal, placental transfer and effects on: Single injection of terbutaline in term labor (Ingemarsson et al.), 697
- Carbon dioxide laser in cervical intraepithelial neoplasia: Five-year experience in treating 230 patients (Masterson et al.), 565 surgery, complications associated with, in gynecology (Baggish),
- Carcinoma, cervical, biopsy-confirmed aortic node metastasis from, five-year survival (with no evidence of disease) in patients
- with (Piver, Barlow, and Krishnamsetty), 575 oral contraceptive use, and sexual activity (Swan and Brown), 52 of cervix: Attempt to individualize treatment (Zander et al.), 752
- endometrial, corticosteroid-binding globulin as biologic assay for endogenous estrogen in patients with and without (Wilson, Jawad, and Donaldson), 661
- ovarian, intestinal operations in patients with (Castaldo et al.), 80 squamous cell, of vagina following hysterectomy (Stuart, Allen, and Anderson), 311
- Cardiovascular complications associated with terbutaline treatment for preterm labor (Katz, Robertson, and Creasy), 605 (Current developments)
- disease, premenopausal hysterectomy and (Centerwall), 58
- Catecholamine(s), effect of, on fetal breathing activity in rhesus mon-keys (Murata et al.), 942
 - in human amniotic fluid (Phillippe and Ryan), 204
 - and metabolites, increase in, in amniotic fluid compartment from middle to late gestation (Divers et al.), 483
- response, fetal and maternal, to insulin-induced hypoglycemia in rat (Phillippe and Kitzmiller), 407
- Catheter, Swan-Ganz, and its application in gynecologic patient (Helmkamp et al.), 628
- Cell(s) carcinoma, squamous, of vagina following hysterectomy (Stuart, Allen, and Anderson), 311
- crisis, sickle, during pregnancy in patient with hemoglobin SD disease (Thornton and Cerami), 739 (Comm. in brief) endometrial adenocarcinoma, modulation of protein expression in,
- by in vitro exposure to estradiol and progesterone (O'Brien et al.), 67
- progesterone-induced smooth muscle-like, in subperitoneal nodules
- produced by estrogen (Fujii et al.), 164 pseudopodia, basal, in cervical intraepithelial neoplasia; progressive reduction of number with severity: Morphometric quantification (Twiggs, Clark, and Okagaki), 640
- Cerebral blood flow, fetal lamb regional, patterns of, during and after prolonged hypoxia: Studies during posthypoxic recovery period (Ashwal, Majcher, and Longo), 365 Cervical cancer detection, new method for: Cervicography (Stafl), 815
- carcinoma, biopsy-confirmed aortic node metastasis from, five-year survival (with no evidence of disease) in patients with (Piver,
- Barlow, and Krishnamsetty), 575 oral contraceptive use, and sexual activity (Swan and Brown), 52 cytology, relationship of, to incidence of invasive cervical cancer and mortality in Alameda County, California, 1960 to 1974
- (Dunn and Schweitzer), 868 flora, puerperal febrile complications and, following elective manual exploration of uterus (Berger, Gillieson, and Walters), 320
- intraepithelial neoplasia, basal cell pseudopodia in; progressive re-duction of number with severity: Morphometric quantification (Twiggs, Clark, and Okagaki), 640
 - carbon dioxide laser in: Five-year experience in treating 230 patients (Masterson et al.), 565
 - cryosurgical treatment of, with follow-up of five to eight years (Hemmingsson, Stendahl, and Stensón), 144

Cervical-Cont'd

neoplasia, significance of atypical vessels and neovascularization in (Sillman, Boyce, and Fruchter), 154 /vaginal secretions, effect of, on measurements of lecithin/sphin-

gomyelin ratio and optical density at 650 nm (Sbarra et al.),

Cervicography: New method for cervical cancer detection (Stafl), 815 Cervix, adenocarcinoma of. I. Clinical evaluation and pathologic features (Shingleton et al.), 799

bacterial contamination of, and premature rupture of membranes (Creatsas et al.), 522

carcinoma of: Attempt to individualize treatment (Zander et al.), 752 Cesarean childbirth, NIH Consensus Development Task Force statement on, 902

section, elective repeat, evaluation of, as standard of care: Applica-tion of decision analysis (Shy, LoGerfo, and Karp), 123 (Clinical opinion)

maternal death after, in Georgia (Rubin et al.), 681

risk factors associated with infection following (Hawrylyshyn, Bernstein, and Papsin), 294

technique to facilitate delivery of high-floating head at (Warenski), 625 (Clinical opinion) Chemotherapeutic agents and radionucleotides, low-density lipopro-

tein as potential vehicle for, in management of gynecologic neoplasms (Gal et al.), 877

Chemotherapy, transformation of endodermal sinus tumor to dysgerminoma following (Deppe et al.), 970 (Comm. in brief) Childbirth, cesarean, NIH Consensus Development Task Force state-

ment on, 902 Childhood malignancy, ovarian failure in long-term survivors of

(Stillman et al.), 62 Children's psychomotor development, effects of maternal acetonuria and low pregnancy weight gain on (Naeye and Chez), 189 Chlorpromazine stimulation of prolactin, effect of cyproheptadine on,

in women (Board and Fierro), 160

Chorionic gonadotropin, human, estimated incidence and postevacuation regression patterns of beta subunit of: Molar preg-nancy in British Columbia (Ho Yuen and Cannon), 316 and human placental lactogen, uterine and peripheral blood concentrations of (Gusdon and Sain), 705

luteinizing hormone/, receptors, corpus luteum, and cyclic nucleotides, effect of estradiol and prostaglandin F_{2α} on, in rhesus monkey: Mechanism of luteolysis (Sotrel et al.), 134

pregnancy-specific beta-1 glycoprotein, and placental protein 5 (specific placental proteins), circulating concentrations of, in untreated gestational trophoblastic tumors (Lee et al.),

rapid radioimmunoassay for, routine urinary pregnancy test and, comparison with: Use of rapid radioimmunoassay for pregnancy-specific beta-1 glycoprotein in gynecologic emergencies (Siiteri et al.), 968 (Comm. in brief)
Circulating concentrations of specific placental proteins (human cho-

rionic gonadotropin, pregnancy-specific beta-1 glycopro-tein, and placental protein 5) in untreated gestational trophoblastic tumors (Lee et al.), 702

Circumference, sonographic abdominal: Dynamic versus static imaging (Weiner et al.), 953

Cis-dichlorodiammineplatinum (II), metabolism of: Distribution, clearance, and toxicity (Lagasse et al.), 791

Clinical opinion, 123-129, 625-627, 863-867 Clip, Hulka fallopian tube, applicator for (Renou), 665

College students, women, sexually transmitted conditions among (McCormack et al.), 130 Colonization, group B streptococcus, natural history of, and its therapy

during pregnancy (Lewin and Amstey), 512 with group B streptococcus, maternal blood group and (Iams and

Sprague), 922 Communications in brief, 105-113, 217-225, 735-743, 959-974

Complement activity, maternal and cord blood: Relationship to premature rupture of membranes (Levy and Arquembourg), 38

Compounds, novel, demonstration of, in human fetal tissues and consideration of their possible role in parturition (Pearson Murphy), 353

Congenital absence of vagina, management of (Bryans), 281 Conjoined twins, antepartum ultrasonographic diagnosis of, in early pregnancy (Schmidt, Heberling, and Kubli), 961 (Comm. in

Conjugated (un-) plasma estriol in prolonged gestation, VII. Estriol in pregnancy (Gauthier, Griego, and Goebelsmann), 382

Consensus Development Task Force statement, NIH, on cesarean childbirth, 902

introduction to process of (Rosen), 901

Contraceptive(s), still useful for clinical trials of: Pearl Pregnancy Index reexamined (Shelton and Taylor), 592

use, oral, sexual activity, and cervical carcinoma (Swan and Brown), 59 Contraction stress test, positive, nonreactive nonstress test and, preg-

nancy outcome in patient with (Slomka and Phelan), 11 uterine, sonographic demonstration of, during amniocentesis (Finberg and Frigoletto), 740 (Comm. in brief)

Cord blood complement activity, maternal and: Relationship to premature rupture of membranes (Levy and Arquembourg), 38 fetal, placental tissues, and maternal blood, comparison of mer-

cury levels in (Kuhnert, Kuhnert, and Erhard), 209 of infants of normal and diabetic mothers, minor (glycosylated) hemoglobins in (Fadel et al.), 397

Corometrics 315 telemetry system, evaluation of, for fetal monitoring (Lipshitz et al.), 199

Corpus luteum luteinizing hormone/human chorionic gonadotropin receptors and cyclic nucleotides, effect of estradiol and prostaglandin $F_{2\alpha}$ on, in rhesus monkey: Mechanism of luteolysis (Sotrel et al.), 134

Correspondence, 114-117, 226-237, 609-614, 975-980

Corticosteroid(s)-binding globulin as biologic assay for endogenous estrogen in patients with and without endometrial carcinoma (Wilson, Jawad, and Donaldson), 661 suppression of estrogen-induced uterine blood flow in nonpregnant

sheep (Monheit and Resnik), 454

three, comparative pulmonary surfactant-inducing effect of, in near-term rat (Anderson et al.), 562

Cortisol index, elevated free, in pregnancy: Possible regulatory mechanisms (Nolten and Rueckert), 492

relationships, maternal plasma adrenocorticotropin and, throughout human pregnancy (Carr et al.), 416

Cryosurgical treatment of cervical intraepithelial neoplasia with follow-up of five to eight years (Hemmingsson, Stendahl, and Stensón), 144

Cul-de-sac of women with endometritis-salpingitis-peritonitis, recovery of Neisseria meningitidis from (Monif), 108 (Comm. in brief) Culture-proved Fitz-Hugh-Curtis syndrome (Kornfeld and Worth-

ington), 106 (Comm. in brief)

Curettage, antecedent, role of, in their formation, significance of intrauterine adhesions detected hysteroscopically in eumenorrheic infertile women and (Taylor, Cumming, and Hill), 239

Current developments, 85-104, 605-608

Cyclic nucleotides, corpus luteum luteinizing hormone/human chorionic gonadotropin receptors and, effect of estradiol and prostaglandin $F_{2\alpha}$ on, in rhesus monkey: Mechanism of luteolysis (Sotrel et al.), 134

variation in thyroid-stimulating hormone in fetal rhesus monkey (Socol et al.), 712 Cyproheptadine, effect of, on chlorpromazine stimulation of prolactin

in women (Board and Fierro), 160 Cystic pelvic masses, large, ultrasonographic evaluation of (Rosenberg and Trought), 579

Cytology, cervical, relationship of, to incidence of invasive cervical cancer and mortality in Alameda County, California, 1960 to 1974 (Dunn and Schweitzer), 868

fine-needle aspiration, in management of gynecologic cancer (Belinson et al.), 148

Cytomegalovirus, isolation of, from amniotic fluid during third trimester (Yambao et al.), 937

D

Danazol therapy, dosage aspects of, in endometriosis: Short-term and long-term effectiveness (Biberoglu and Behrman), 645

Death(s) associated with laparoscopic sterilization by unipolar electrocoagulating devices, 1978 and 1979 (Peterson et al.), 141 maternal, after cesarean section in Georgia (Rubin et al.), 681

Decidua, uterine, human fetal membranes and, biosynthesis and metabolism of prostaglandins in, XII. Initiation of human parturition (Okazaki et al.), 373

Decision-making process (Mitchell), 745

Delivery of high-floating head at cesarean section, technique to facilitate (Warenski), 625 (Clinical opinion)

- Desoxycorticosterone in normal pregnancy. III. Evidence of fetal source of desoxycorticosterone (Nolten, Hughey Holt, and Rueckert), 477
- Detrusor muscle instability--Complication of surgery (Jarvis), 219 (Comm. in brief)
- Devices, unipolar electrocoagulating, deaths associated with laparoscopic sterilization by, 1978 and 1979 (Peterson et al.), 141 Diabetes, experimental maternal, fetal macrosomia in (Kim et al.), 27
- Diabetic mothers, normal and, minor (glycosylated) hemoglobins in cord blood of infants of (Fadel et al.), 397
- Diastrophic dwarfism, prenatal diagnosis of (Mantagos et al.), 111 (Comm. in brief)
- Diazepam, effect of, on rates of fertilization in CF-1 mouse (Williamson and Stenchever), 178
- Didelphys unicollis, uterus, with adenocarcinoma in one horn and atypical endometrial hyperplasia in other: Case report (Eichner and Simak), 222 (Comm. in brief)
- Dihydroxyvitamin (24,25-) D, 25-hydroxyvitamin D, 1,25-dihydroxyvitamin D, parathyroid hormone, calcitonin, prolactin, and estradiol: Control of mineral homeostasis during lactation (Hillman et al.), 471
- Dilation and evacuation: Preferred method of midtrimester abortion (Cadesky, Ravinsky, and Lyons), 329
- Disease, cardiovascular, premenopausal hysterectomy and (Centerwall), 58
- hemoglobin SD, sickle cell crisis during pregnancy in patients with (Thornton and Cerami), 739 (Comm. in brief)
- maternal heart, pregnancy complicated by, at National Maternity Hospital, Dublin, Ireland, 1969 to 1978 (Sugrue, Blake, and MacDonald), 1
- no evidence of (five-year survival), in patients with biopsy-confirmed aortic node metastasis from cervical carcinoma (Piver, Barlow, and Krishnamsetty), 575
- Distress, fetal, naloxone and its possible relationship to fetal endorphin levels and (Goodlin), 16
- Diurnal rhythm in plasma estrone, estradiol, and estriol, loss of, in women treated with synthetic glucocorticoids at 34 to 35 weeks' gestation (Challis et al.), 338
- Doppler, pulsed, and B-mode ultrasound, fetal umbilical venous flow measured in utero by. I. Normal pregnancies (Gill et al.),
- Dosage aspects of danazol therapy in endometriosis: Short-term and long-term effectiveness (Biberoglu and Behrman), 645
- requirements, increased gentamicin: Rapid elimination in 249 gynecology patients (Zaske et al.), 896
- Dose levels, different, comparison between degree of systemic absorption of vaginally and orally administered estrogens at, in postmenopausal women (Deutsch, Ossowski, and Benja-min), 967 (Comm. in brief)
- Dublin, Ireland, 1969 to 1978, pregnancy complicated by maternal heart disease at National Maternity Hospital (Sugrue, Blake, and MacDonald), 1
- Dwarfism, diastrophic, prenatal diagnosis of (Mantagos et al.), 111 (Comm. in brief)
- Dynamic versus static imaging: Sonographic abdominal circumference (Weiner et al.), 953
- Dysgerminoma, transformation of endodermal sinus tumor to, following chemotherapy (Deppe et al.), 970 (Comm. in brief)

E

- Ectopic pregnancy, pseudogestational sac in (Weiner), 959 (Comm. in
- Editorial, 499
- Elective repeat cesarean section, evaluation of, as standard of care: Application of decision analysis (Shy, LoGerfo, and Karp), 123 (Clinical opinion)
- Electrocoagulating devices, unipolar, deaths associated with laparoscopic sterilization by, 1978 and 1979 (Peterson et al.), 141
- Electron microscopic observations, clinical, light and: Primary malignant melanoma of vagina (Berman, Tobon, and Surti), 963 (Comm. in brief)
- Embryos, staged human, and early fetuses, estimated age of (Moore, Hutchins, and O'Rahilly), 500
- Emergencies, gynecologic, use of rapid radioimmunoassay for preg nancy-specific beta-1 glycoprotein in: Comparison with routine urinary pregnancy test and rapid radioimmunoas-say for human chorionic gonadotropin (Siiteri et al.), 968 (Comm. in brief)

- Endogenous estrogen, corticosteroid-binding globulin as biologic assay for, in patients with and without endometrial carcinoma (Wilson, Jawad, and Donaldson), 661
- insulin release, fetal metabolic response to (Philipps, Dubin, and Raye), 441
- Endometrial adenocarcinoma cells, modulation of protein expression in, by in vitro exposure to estradiol and progesterone (O'Brien et al.), 67
- carcinoma, corticosteroid-binding globulin as biologic assay for en-dogenous estrogen in patients with and without (Wilson, Jawad, and Donaldson), 661
- hyperplasia, atypical, in other, uterus didelphys unicollis with adenocarcinoma in one horn and: Case report (Eichner and Simak), 222 (Comm. in brief)
- neoplasia—Screening high-risk patient (Cramer and Osborne), 285 Endodermal sinus tumor, transformation of, to dysgerminoma following chemotherapy (Deppe et al.), 970 (Comm. in brief
- Endometriosis, dosage aspects of danazol therapy in: Short-term and long-term effectiveness (Biberoglu and Behrman), 645
- in patient with Rokitansky-Kuster-Hauser syndrome (Rosenfeld and Lecher), 105 (Comm. in brief)
- Endometritis-salpingitis-peritonitis, recovery of Neisseria meningitidis from cul-de-sac of woman with (Monif), 108 (Comm. in brief)
- Endorphin levels, fetal, and fetal distress, naloxone and its possible relationship to (Goodlin), 16
- Endotoxemia, role of prostaglandins in, and comparisons in response in nonpregnant, maternal, and fetal models. II. Alterations in prostaglandin physiology in nonpregnant, pregnant, and fetal experimental animal (O'Brien et al.), 535
- Epidural administration during labor, maternal and fetal concentrations of morphine after (Nybell-Lindahl et al.), 20
- Errata, 608 Erythromycin gluceptate, ototoxicity of (Beckner et al.), 738 (Comm. in
- brief Estradiol, estriol, and estrone, plasma, loss of diurnal rhythm in, in women treated with synthetic glucocorticoids at 34 to 35 weeks' gestation (Challis et al.), 338
- and progesterone, modulation of protein expression in endometrial adenocarcinoma cells by in vitro exposure to (O'Brien et al.), 67
- and prostaglandin F20, effect of, on corpus luteum luteinizing hormone/human chorionic gonadotropin receptors and cyclic nucleotides in rhesus monkey (Sotrel et al.), 134
- 25-hydroxyvitamin D, 24,25-dihydroxyvitamin D, 1,25-dihydroxyvitamin D, parathyroid hormone, calcitonin, and prolactin: Control of mineral homeostasis during lactation (Hillman et al.), 471
- -17β, luteinizing hormone, follicle-stimulating hormone, and progesterone, plasma, temporal relationships between ovulation and defined changes in concentration of. II. Histologic dating (World Health Organization Task Force on Methods for Determination of Fertile Period), 886
- for Determination of Fertile Periodi, 886

 Estriol, estrone, and estradiol, plasma, loss of diurnal rhythm in, in women treated with synthetic glucocorticoids at 34 to 35 weeks' gestation (Challis et al.), 338
 in pregnancy. VII. Unconjugated plasma estriol in prolonged gestation (Gauthier, Griego, and Goebelsmann), 382

 Estrogen(s), endogenous, corticosteroid-binding globulin as biologic
- assay for, in patients with and without endometrial carci-noma (Wilson, Jawad, and Donaldson), 661
- -induced uterine blood flow, corticosteroid suppression of, in nonpregnant sheep (Monheit and Resnik), 454
- progesterone-induced smooth muscle-like cells in subperitoneal nodules produced by (Fujii et al.), 164
- vaginally and orally administered, comparison between degree of systemic absorption of, at different dose levels in postmenopausal women (Deutsch, Ossowski, and Benjamin),
- 967 (Comm. in brief)
 Estrone, estradiol, and estriol, plasma, loss of diurnal rhythm in, in women treated with synthetic glucocorticoids at 34 to 35 weeks' gestation (Challis et al.), 338
- Eumenorrheic infertile women, significance of intrauterine adhesions detected hysteroscopically in, and role of antecedent curettage in their formation (Taylor, Cumming, and Hill),
- Evacuation, dilation and: Preferred method of midtrimester abortion (Cadesky, Ravinsky, and Lyons), 329

Factor, Rh-D, in trophoblastic tumors: Possible cause of high incidence in Asia (Tomoda et al.), 742 (Comm. in brief)

Fallopian tube clip, Hulka, applicator for (Renou), 665

Febrile complications, puerperal, and cervical flora following elective manual exploration of uterus (Berger, Gillieson, and Walters), 320

Femur length, assessment of gestational age in second trimester by real-time ultrasound measurement of (O'Brien, Queenan, and Campbell), 540

Fertilization, effect of diazepam on rates of, in CF-1 mouse (William-

son and Stenchever), 178
Fetal alanine concentration and uptake, effect of endogenous insulin release on (Philipps, Dubin, and Raye), 22

breathing activity, effect of catecholamine on, in rhesus monkeys (Murata et al.), 942

movements, iruman, effects of synthetic glucocorticoid administration on, at 34 to 35 weeks' gestational age (Patrick et al.), 394

carbohydrate metabolism, maternal and, placental transfer and effects on: Single injection of terbutaline in term labor (Ingemarsson et al.), 697

concentrations, maternal and, of morphine after epidural administration during labor (Nybell-Lindahl et al.), 20 cord blood, placental tissues, and maternal blood, comparison of

mercury levels in (Kuhnert, Kuhnert, and Erhard), 209 endorphin levels and fetal distress, naloxone and its possible rela-

tionship to (Goodlin), 16

growth curve, birth weight, and gestation (Wilcox), 863 (Clinical opinion)

intrauterine, amniotic fluid C-peptide as index for (Lin et al.), 390 heart rate pattern, sinusoidal, significance of (Johnson et al.), 446 short-term variability of, during pregnancies with normal and insufficient placental function (Kariniemi and Ämmälä),

testing, antepartum. VII. Significance of fetal bradycardia (Druzin et al.), 194

lamb regional cerebral blood flow, patterns of, during and after prolonged hypoxia: Studies during posthypoxic recovery period (Ashwal, Majcher, and Longo), 365

lung, human, protein synthesis by (Genbačev et al.), 41 maturation, glucocorticoids, hyperinsulinemia, and (Beck et al.),

maturity, phosphatidylglycerol determination on amniotic fluid 10,000 × g pellet in prediction of (Bent et al.), 259

macrosomia in experimental maternal diabetes (Kim et al.), 27 and maternal catecholamine response to insulin-induced hypogly-

cemia in rat (Phillippe and Kitzmiller), 407 and labor factors, effect of, upon fetal heart rate during intrapartum period (Low et al.), 306

nonpregnant models, role of prostaglandins in endotoxemia and comparisons in response in. II. Alterations in prostaglandin physiology in nonpregnant, pregnant, and fetal experimental animal (O'Brien et al.), 535

membranes and uterine decidua, human, biosynthesis and metabolism of prostaglandins in, XII. Initiation of human parturition (Okazaki et al.), 373

metabolic acidosis, intrapartum, prediction of, by fetal heart rate monitoring (Low et al.), 299

response to endogenous insulin release (Philipps, Dubin, and Raye), 441

monitoring, evaluation of Corometrics 315 telemetry system for (Lipshitz et al.), 199

movements, daily, and nonstress test, correlation of, as tools for assessment of fetal welfare (O'Leary and Andrinopoulos), 107 (Comm. in brief)

-newborn health status, maternal psychological and physiologic correlates of (Lederman et al.), 956

rabbits, effects of hexoprenaline on lecithin/sphingomyelin ratio and pressure-volume relationships in (Lipshitz et al.), 726 rhesus monkey, cyclic variation in thyroid-stimulating hormone in Socol et al.), 712

source of desoxycorticosterone, evidence of, III. Desoxycorticosterone in normal pregnancy (Nolten, Hughey Holt, and Rueckert), 477

tissues, human, demonstration of novel compounds in, and consideration of their possible role in parturition (Pearson MurFetal-Cont'd

toxicity of nitroprusside in pregnant ewe (Naulty, Cefalo, and Lewis), 708 transfusion, intrauterine, in 365 fetuses during fifteen years (Frigo-

letto et al.), 781

umbilical venous flow measured in utero by pulsed Doppler and B-mode ultrasound. I. Normal pregnancies (Gill et al.), 720 Fetus(es), early, staged human embryos and, estimated age of (Moore,

Hutchins, and O'Rahilly), 500

effects of external physical stimulation, near term (Richardson et al.), 344

ovine, lack of relationship between prolactin and adrenal steroidogenesis in (Takahashi et al.), 427

365, intrauterine fetal transfusion in, during fifteen years (Frigoletto

Fitz-Hugh-Curtis syndrome, culture-proved (Kornfeld and Worthington), 106 (Comm. in brief)

Floating, high-, head, technique to facilitate delivery of, at cesarean section (Warenski), 625 (Clinical opinion)

Flora, cervical, puerperal febrile complications and, following elective manual exploration of uterus (Berger, Gillieson, and Walters), 320

Flushes, menopausal vasomotor, objective evidence that placebo and oral medroxyprogesterone acetate therapy diminish (Albrecht et al.), 631

Follicle-stimulating hormone, progesterone, estradiol-17\(\beta\), and luteinizing hormone, plasma, temporal relationships between ovulation and defined changes in concentration of, II. Histologic dating (World Health Organization Task Force on Methods for Determination of Fertile Period), 886

Galactorrhea, amenorrhea-, associated with hypothalamic hypothyroidism (Check and Adelson), 736 (Comm. in brief)

Gastrointestinal hemorrhage in puerperium of pre-eclamptic patients who received glucocorticoid therapy (Semchyshyn), 217 (Comm. in brief)

Genetic diagnosis, prenatal, in women 35 years of age and older, utili-zation of, in United States, 1977 to 1978 (Adams et al.), 673

Genital tract, female, paravestibular tumor of (Fowler, Lawrence, and Edelman), 109 (Comm. in brief)

Gentamicin dosage requirements, increased: Rapid elimination in 249 gynecology patients (Zaske et al.), 896

Georgia, maternal death after cesarean section in (Rubin et al.), 681 Gestation, birth weight, and fetal growth curve (Wilcox), 863 (Clinical opinion)

human, amniotic fluid prolactin levels and lecithin/sphingomyelin ratios during third trimester of (Hatjis, Wu, and Gabbe), 435

late, increase in catecholamines and metabolites in amniotic fluid compartment from middle to (Divers et al.), 483 prolonged, unconjugated plasma estriol in, VII. Estriol in pregnancy

(Gauthier, Griego, and Goebelsmann), 382

34 to 35 weeks', loss of diurnal rhythm in plasma estrone, estradiol, and estriol in women treated with synthetic glucocorticoids at (Challis et al.), 338

Gestational age assessment. I. Analysis of individual clinical observations (Andersen et al.), 173

of, in second trimester by real-time ultrasound measurement of femur length (O'Brien, Queenan, and Campbell), 540 34 to 35 weeks', effects of synthetic glucocorticoid administration

on human fetal breathing movements at (Patrick et al.), 324 trophoblastic tumors, untreated, circulating concentrations of spe-cific placental proteins (human chorionic gonadotropin, pregnancy-specific beta-1 glycoprotein, and placental pro-

tein 5) in (Lee et al.), 702 Globulin, corticosteroid-binding, as biologic assay for endogenous estrogen in patients with and without endometrial carcinoma (Wilson, Jawad, and Donaldson), 661

Glucocorticoid(s) administration, synthetic, effects of, on human fetal breathing movements at 34 to 35 weeks' gestational age (Patrick et al.), 324

hyperinsulinemia, and fetal lung maturation (Beck et al.), 465 synthetic, loss of diurnal rhythm in plasma estrone, estradiol, and estriol in women treated with, at 34 to 35 weeks' gestation

(Challis et al.), 338

Glucocorticoid-Cont'd

therapy, gastrointestinal hemorrhage in puerperium of pre-eclamptic patients who received (Semchyshyn), 217 (Comm. in brief)

Glucose tolerance test as means of identifying intrauterine growth re-

tardation (Khouzami et al.), 423

Glycoprotein, pregnancy-specific beta-1, placental protein 5, and human chorionic gonadotropin (specific placental proteins), circulating concentrations of, in untreated gestational tro-phoblastic tumors (Lee et al.), 702

use of rapid radioimmunoassay for, in gynecologic emergencies: Comparison with routine urinary pregnancy test and rapid radioimmunoassay for human chorionic gonadotro-pin (Siiteri et al.), 968 (Comm. in brief) Glycosylated (minor) hemoglobins in cord blood of infants of normal

and diabetic mothers (Fadel et al.), 397

Gonadotropin binding sites, presence of, in intracellular organelles of human ovaries (Rao et al.), 655

human chorionic, estimated incidence and postevacuation regres-sion patterns of beta subunit of: Molar pregnancy in British Columbia (Ho Yuen and Cannon), 316

and human placental lactogen, uterine and peripheral blood concentrations of (Gusdon and Sain), 705

luteinizing hormone/, receptors, corpus luteum, and cyclic nucleotides, effect of estradiol and prostaglandin $F_{2\alpha}$ on, in

rhesus monkey: Mechanism of luteolysis (Sotrel et al.), 134 pregnancy-specific beta-1 glycoprotein, and placental protein 5 (specific placental proteins), circulating concentrations of, in untreated gestational trophoblastic tumors (Lee et al.), 702

rapid radioimmunoassay for, routine urinary pregnancy test and, comparison with: Use of rapid radioimmunoassay for pregnancy-specific beta-1 glycoprotein in gynecologic emergencies (Siiteri et al.), 968 (Comm. in brief)

Gonococcal peritonitis following uterine manipulation at laparoscopy (Goodnough, O'Shaughnessy, and Shoff), 218 (Comm. in brief

Growth curve, fetal, birth weight, and gestation (Wilcox), 863 (Clinical opinion)

intrauterine fetal, amniotic fluid C-peptide as index for (Lin et al.), 390

retardation, intrauterine, antepartum detection of: Qualitative amniotic fluid volume determination by ultrasound (Manning, Hill, and Platt), 254

glucose tolerance test as means of identifying (Khouzami et al.),

Gynecologic cancer, fine-needle aspiration cytology in management of (Belinson et al.), 148

emergencies, use of rapid radioimmunoassay for pregnancy-specific beta-1 glycoprotein in: Comparison with routine urinary pregnancy test and rapid radioimmunoassay for human chorionic gonadotropin (Siiteri et al.), 968 (Comm. in brief)

infections, obstetric and, moxalactam for (Cunningham et al.), 915 neoplasms, low-density lipoprotein as potential vehicle for chemotherapeutic agents and radionucleotides in management of (Gal et al.), 877

patient, Swan-Ganz catheter and its application in (Helmkamp et al.), 638

Gynecologist, obstetrician-, analysis of adolescent health care and role of (Davidson), 845

Gynecology, complications associated with carbon dioxide laser surgery in (Baggish), 568 patients, 249, rapid elimination in: Increased gentamicin dosage re-

quirements (Zaske et al.), 896

Head, high-floating, technique to facilitate delivery of, at cesarean section (Warenski), 625 (Clinical opinion)

Health care, adolescent, and role of obstetrician-gynecologist, analysis of (Davidson), 845

planning, implications for: Seasonality of monthly birth rate in Pennsylvania (Kenny and Ritter), 737 (Comm. in brief)

status, fetal-newborn, maternal psychological and physiologic correlates of (Lederman et al.), 956

Heart disease, maternal, pregnancy complicated by, at National Maternity Hospital, Dublin, Ireland, 1969 to 1978 (Sugrue, Blake, and MacDonald), 1

Heart-Cont'd

rate, fetal, during intrapartum period, effect of maternal, labor, and fetal factors upon (Low et al.), 306

short-term variability of, during pregnancies with normal and insufficient placental function (Kariniemi and Āmmālā), 33 monitoring, fetal, prediction of intrapartum fetal metabolic aci-

dosis by (Low et al.), 299

pattern, sinusoidal, significance of (Johnson et al.), 446 testing, antepartum fetal. VII. Significance of fetal bradycardia (Druzin et al.), 194

Hemodynamic alterations, nitroprusside-induced, in normotensive and hypertensive pregnant sheep (Lieb et al.), 925

Hemoglobin(s), glycosylated (minor), in cord blood of infants of nor-

mal and diabetic mothers (Fadel et al.), 397

SD disease, sickle cell crisis during pregnancy in patient with (Thornton and Cerami), 739 (Comm. in brief)

Hemolytic, beta-, streptococci, group B, and puerperal infections (Faro), 686

Hemorrhage, gastrointestinal, in puerperium of pre-eclamptic patients who received glucocorticoid therapy (Semchyshyn), 217 (Comm. in brief)

Hexoprenaline, effects of, on lecithin/sphingomyelin ratio and pressure-volume relationships in fetal rabbits (Lipshitz et al.),

Homeostasis, mineral, control of, during lactation: Interrelationships of 25-hydroxyvitamin D, 24,25-dihydroxyvitamin D, 1,25-dihydroxyvitamin D, parathyroid hormone, calcitonin, prolactin, and estradiol (Hillman et al.), 471

Hormone, luteinizing, follicle-stimulating hormone, progesterone, and estradiol-17β, plasma, temporal relationships between ovulation and defined changes in concentration of. II. Histologic dating (World Health Organization Task Force on Methods for Determination of Fertile Period), 886

/human chorionic gonadotropin receptors, corpus luteum, and cyclic nucleotides, effect of estradiol and prostaglandin $F_{2\alpha}$ on, in rhesus monkey: Mechanism of luteolysis (Sotrel et al.),

134

parathyroid, calcitonin, prolactin, estradiol, 25-hydroxyvitamin D, 24,25-dihydroxyvitamin D, and 1,25-dihydroxyvitamin D: Control of mineral homeostasis during lactation (Hillman et al.), 471

responsiveness, calcitropic, during pregnancy (Reynolds, Williams, and Pitkin), 855

thyroid-stimulating, cyclic variation in, in fetal rhesus monkey (Socol et al.), 712

Horn, one, adenocarcinoma in, and atypical endometrial hyperplasia in other, uterus didelphys unicollis with: Case report (Eichner and Simak), 222 (Comm. in brief)

Hulka fallopian tube clip, applicator for (Renou), 665

Human chorionic gonadotropin, estimated incidence and postevacuation regression patterns of beta subunit of: Molar preg-nancy in British Columbia (Ho Yuen and Cannon), 316 and human placental lactogen, uterine and peripheral blood

concentrations of (Gusdon and Sain), 705

luteinizing hormone/, receptors, corpus luteum, and cyclic nucleotides, effect of estradiol and prostaglandin $F_{2\alpha}$ on, in rhesus monkey: Mechanism of luteolysis (Sotrel et al.), 134

pregnancy-specific beta-1 glycoprotein, and placental protein 5 (specific placental proteins), circulating concentrations of, in untreated gestational trophoblastic tumors (Lee et al.), 702

rapid radioimmunoassay for, routine urinary pregnancy test and, comparison with: Use of rapid radioimmunoassay for pregnancy-specific beta-1 glycoprotein in gynecologic emergencies (Siiteri et al.), 968 (Comm. in brief)

Hydroxycortisol (6β-) levels in maternal urine of pregnancies complicated by prematurity (Cumming, Love, and Lorscheider),

protein-binding radioassay for: Detection in pregnancy urine and amniotic fluid (Bowler-Wong, Hay, and Lorscheider), 243

Hydroxyvitamin (25-) D, 24,25-dihydroxyvitamin D, 1,25-dihydroxyvitamin D, parathyroid hormone, calcitonin, prolactin, and estradiol: Control of mineral homeostasis during lactation (Hillman et al.), 471

Hyperinsulinemia, glucocorticoids, and fetal lung maturation (Beck

Hyperplasia, atypical endometrial, in other, uterus didelphys unicollis with adenocarcinoma in one horn and: Case report (Eichner and Simak), 222 (Comm. in brief)

- Hyperprolactinemia—Significant factor in female infertility (Kredentser, Hoskins, and Scott), 264
- Hypertensive pregnant sheep, normotensive and, nitroprusside-in-duced hemodynamic alterations in (Lieb et al.), 925
- Hypoglycemia, insulin-induced, fetal and maternal catecholamine response to, in rat (Phillippe and Kitzmiller), 407
- Hypothalamic hypothyroidism, amenorrhea-galactorrhea associated with (Check and Adelson), 736 (Comm. in brief) Hypothyroidism, hypothalamic, amenorrhea-galactorrhea associated
- with (Check and Adelson), 736 (Comm. in brief) Hypoxia, prolonged, patterns of fetal lamb regional cerebral blood
- flow during and after: Studies during posthypoxic recovery period (Ashwal, Majcher, and Longo), 365 Hypoxic (post-) recovery period, studies during: Patterns of fetal lamb
- regional cerebral blood flow during and after prolonged hypoxia (Ashwal, Majcher, and Longo), 365
- Hysterectomy, premenopausal, and cardiovascular disease (Centerwall), 58
 squamous cell carcinoma of vagina following hysterectomy (Stuart,
 - Allen, and Anderson), 311
- Wertheim, effect of, upon bladder and urethral function (Low, Mauger, and Carmichael), 826
- Hysteroscopically, significance of intrauterine adhesions detected, in eumenorrheic infertile women and role of antecedent curettage in their formation (Taylor, Cumming, and Hill),

- Imaging, dynamic versus static: Sonographic abdominal circumference (Weiner et al.), 953
- Immunosuppressive activity of rhesus monkey pregnancy serum (Ellingsworth et al.), 932
- Induced abortion, study on effects of, on subsequent pregnancy out-
- come (Madore et al.), 516
 Infants of low birth weight, neonatal significance of selected perinatal events among. I. Overall results (Perkins), 546
 newborn, behavioral state of, during first hour of life, observations
- on (Saigal et al.), 715
- of normal and diabetic mothers, minor (glycosylated) hemoglobins in cord blood of (Fadel et al.), 397
- stillborn, case for examination protocol in: Unsuspected trisomy 18 (Cassidy, Benedetti, and Sybert), 221 (Comm. in brief)
- Infarction, myocardial, early menopause and risk of (Rosenberg et al.),
- Infection(s) following cesarean section, risk factors associated with (Hawrylyshyn, Bernstein, and Papsin), 294 obstetric and gynecologic, moxalactam for (Cunningham et al.), 915
- puerperal, group B beta-hemolytic streptococci and (Faro), 686
- Infertile women, eumenorrheic, significance of intrauterine adhesions detected hysteroscopically in, and role of antecedent curet-
- tage in their formation (Taylor, Cumming, and Hill), 239 Infertility, female, significant factor in—Hyperprolactinemia (Kredentser, Hoskins, and Scott), 264
- Injection, single, of terbutaline in term labor: Placental transfer and effects on maternal and fetal carbohydrate metabolism (Ingemarsson et al.), 697
- Innervation, adrenergic, of uterine vasculature in human term preg-
- nancy (Zuspan et al.), 678 Insulin-induced hypoglycemia, fetal and maternal catecholamine re-
- sponse to, in rat (Phillippe and Kitzmiller), 407 release, endogenous, effect of, on fetal alanine concentration and uptake (Philipps, Dubin, and Raye), 22
- fetal metabolic response to (Philipps, Dubin, and Raye), 441 Intestinal operations in patients with ovarian carcinoma (Castaldo et al.),
- Intracellular organelles of human ovaries, presence of gonadotropin
- binding sites in (Rao et al.), 655 Intraepithelial neoplasia, cervical, basal cell pseudopodia in; progressive reduction of number with severity: Morphometric
 - quantification (Twiggs, Clark, and Okagaki), 640 carbon dioxide laser in: Five-year experience in treating 230 patients (Masterson et al.), 565 cryosurgical treatment of, with follow-up of five to eight years
 - (Hemmingsson, Stendahl, and Stensón), 144
- Intrapartum fetal metabolic acidosis, prediction of, by fetal heart rate monitoring (Low et al.), 299 period, effect of maternal, labor, and fetal factors upon fetal heart
 - rate during intrapartum period (Low et al.), 306

- Intrauterine adhesions detected hysteroscopically, significance of, in eumenorrheic infertile women and role of antecedent curettage in their formation (Taylor, Cumming, and Hill),
- fetal growth, amniotic fluid C-peptide as index for (Lin et al.), 390 transfusion in 365 fetuses during fifteen years (Frigoletto et al.), 781
- growth retardation, antepartum detection of: Qualitative amniotic fluid volume determination by ultrasound (Manning, Hill, and Platt), 254
 - glucose tolerance test as means of identifying (Khouzami et al.), 493
- Invasive cervical cancer and mortality, relationship of cervical cytology to incidence of, in Alameda County, California, 1960 to 1974 (Dunn and Schweitzer), 868
- Ireland, Dublin, 1969 to 1978, pregnancy complicated by maternal heart disease at National Maternity Hospital (Sugrue,
- Blake, and MacDonald), 1 Items, 121-122, 364, 615-624, 981-982

Klippel-Trenaunay-Weber syndrome, in utero ultrasonographic appearance of (Hatjis et al.), 972 (Comm. in brief)

- Labor enhancement, randomized trial of ambulation versus oxytocin for: Preliminary report (Read, Miller, and Paul), 669 fetal, and maternal factors, effect of, upon fetal heart rate during
- intrapartum period (Low et al.), 306
- maternal and fetal concentrations of morphine after epidural administration during (Nybell-Lindahl et al.), 20
- outcome, predictability of, from comparison of birth weight and x-ray pelvimetry (Jagani et al.), 507
- preterm, cardiovascular complications associated with terbutaline treatment for (Katz, Robertson, and Creasy), 605
- term, single injection of terbutaline in: Placental transfer and effects on maternal and fetal carbohydrate metabolism (Ingemarsson et al.), 697
- Lactation, control of mineral homeostasis during: Interrelationships of 25-hydroxyvitamin D, 24,25-dihydroxyvitamin D, 1,25-dihydroxyvitamin D, parathyroid hormone, calcitonin, pro-lactin, and estradiol (Hillman et al.), 471
- Lactogen, human placental, human chorionic gonadotropin and, uterine and peripheral blood concentrations of (Gusdon and Sain), 705
- Laparoscopic sterilization by unipolar electrocoagulating devices, deaths associated with, 1978 and 1979 (Peterson et al.), 141
- Laparoscopy, gonococcal peritonitis following uterine manipulation at (Goodnough, O'Shaughnessy, and Shoff), 218 (Comm. in brief)
 - and minilaparotomy, uterine perforation during sterilization by (Chi and Feldblum), 735 (Comm. in brief)
- Laser, carbon dioxide, in cervical intraepithelial neoplasia: Five-year experience in treating 230 patients (Masterson et al.), 565 surgery, carbon dioxide, complications associated with, in gynecol-
- ogy (Baggish), 568 Lecithin/sphingomyelin ratio(s), amniotic fluid prolactin levels and, during third trimester of human gestation (Hatjis, Wu, and
 - Gabbe), 435 and optical density at 650 nm, effect of cervical/vaginal secretions on measurements of (Sbarra et al.), 214
 - and pressure-volume relationships, effects of hexoprenaline on, in fetal rabbits (Lipshitz et al.), 726
- Life, observations on behavioral state of newborn infants during first hour of (Saigal et al.), 715
- Light and electron microscopic observations, clinical: Primary malig-nant melanoma of vagina (Berman, Tobon, and Surti), 963 (Comm. in brief)
- Lipoprotein, low-density, as potential vehicle for chemotherapeutic agents and radionucleotides in management of gynecologic neoplasms (Gal et al.), 877
- Low birth weight, infants of, neonatal significance of selected perinatal events among. I. Overall results (Perkins), 546
 - density lipoprotein as potential vehicle for chemotherapeutic agents and radionucleotides in management of gynecologic neoplasms (Gal et al.), 877

- Lung, human fetal, protein synthesis by (Genbačev et al.), 41 maturation, fetal, glucocorticoids, hyperinsulinemia, and (Beck et al.), 465
- maturity, fetal, phosphatidylglycerol determination on amniotic
- fluid 10,000 × g pellet in prediction of (Bent et al.), 259 Luteinizing hormone, follicle-stimulating hormone, progesterone, and estradiol-17β, plasma, temporal relationships between ovulation and defined changes in concentration of. II. His-tologic dating (World Health Organization Task Force on Methods for Determination of Fertile Period), 886
 - human chorionic gonadotropin receptors, corpus luteum, and cyclic nucleotides, effect of estradiol and prostaglandin F20 on, in rhesus monkey: Mechanism of luteolysis (Sotrel et al.), 134
- Luteolysis, mechanism of: Effect of estradiol and prostaglandin $F_{2\alpha}\,\text{on}$ corpus luteum luteinizing hormone/human chorionic gonadotropin receptors and cyclic nucleotides in rhesus monkey (Sotrel et al.), 134

- Macrosomia, fetal, in experimental maternal diabetes (Kim et al.), 27 Malignancy, childhood, ovarian failure in long-term survivors of (Stillman et al.), 62
- Malignant melanoma, primary, of vagina: Clinical, light and electron microscopic observations (Berman, Tobon, and Surti), 963 (Comm. in brief)
- Masses, large cystic pelvic, ultrasonographic evaluation of (Rosenberg and Trought), 579
- Maternal acetonuria and low pregnancy weight gain, effects of, on children's psychomotor development (Naeye and Chez),
- blood, fetal cord blood, and placental tissues, comparison of mercury levels in (Kuhnert, Kuhnert, and Erhard), 209
- group and colonization with group B streptococcus (Iams and Sprague), 922
- catecholamine response, fetal and, to insulin-induced hypoglycemia in rat (Phillippe and Kitzmiller), 407
- and cord blood complement activity: Relationship to premature rupture of membranes (Levy and Arquembourg), 38 death after cesarean section in Georgia (Rubin et al.), 681
- diabetes, experimental, fetal macrosomia in (Kim et al.), 27
- and fetal carbohydrate metabolism, placental transfer and effects on: Single injection of terbutaline in term labor (Ingemarsson et al.), 697
- concentrations of morphine after epidural administration during labor (Nybell-Lindahl et al.), 20
- and nonpregnant models, role of prostaglandins in endotoxemia and comparisons in response in. II. Alterations in prosta glandin physiology in nonpregnant, pregnant, and fetal experimental animal (O'Brien et al.), 535
- heart disease, pregnancy complicated by, at National Maternity Hospital, Dublin, Ireland, 1969 to 1978 (Sugrue, Blake, and
- MacDonald), 1 labor, and fetal factors, effect of, upon fetal heart rate during in-
- trapartum period (Low et al.), 306 plasma adrenocorticotropin and cortisol relationships throughout human pregnancy (Carr et al.), 416 prostacyclin, thromboxane, and prostaglandin F_{2α} in, during
- breast-feeding (Ylikorkala and Viinikka), 690 psychological and physiologic correlates of fetal-newborn health status (Lederman et al.), 956
- urine of pregnancies complicated by prematurity, 6\beta-hydroxycortisol levels in (Cumming, Love, and Lorscheider), 250
- Maturation, fetal lung, glucocorticoids, hyperinsulinemia, and (Beck et al.), 465
- Maturity, fetal lung, phosphatidylglycerol determination on amniotic fluid 10,000 × g pellet in prediction of (Bent et al.), 259

 Medroxyprogesterone acetate therapy, oral, placebo and, diminish
- menopausal vasomotor flushes, objective evidence that (Albrecht et al.), 631
- Melanoma, primary malignant, of vagina: Clinical, light and electron microscopic observations (Berman, Tobon, and Surti), 963 (Comm. in brief)
- Membranes, human fetal, and uterine decidua, biosynthesis and metabolism of prostaglandins in, XII. Initiation of human par
 - turition (Okazaki et al.), 373
 premature rupture of, bacterial contamination of cervix and (Creatsas et al.), 522

- Membranes, premature rupture of-Cont'd
 - relationship to: Maternal and cord blood complement activity (Levy and Arquembourg), 38
- Menopausal vasomotor flushes, objective evidence that placebo and oral medroxyprogesterone acetate therapy diminish (Albrecht et al.), 631
- Menopause, early, and risk of myocardial infarction (Rosenberg et al.),
- Menorrhagia, acute adolescent (Claessens and Cowell), 277
- Mercury levels, comparison of, in maternal blood, fetal cord blood, and placental tissues (Kuhnert, Kuhnert, and Erhard), 209
- Metabolic acidosis, intrapartum fetal, prediction of, by fetal heart rate monitoring (Low et al.), 299
 - response, fetal, to endogenous insulin release (Philipps, Dubin, and Raye), 441
- Metabolism, biosynthesis and; of prostaglandins in human fetal membranes and uterine decidua, XII. Initiation of human parturition (Okazaki et al.), 373
- of cis-dichlorodiammineplatinum (II): Distribution, clearance, and toxicity (Lagasse et al.), 791
- maternal and fetal carbohydrate, placental transfer and effects on: Single injection of terbutaline in term labor (Ingemarsson et al.), 697
- prolactin-stimulated ovarian androgen (Polan and Behrman), 487 Metabolites, catecholamines and, increase in, in amniotic fluid compartment from middle to late gestation (Divers et al.), 483
- Metastasis, biopsy-confirmed aortic node, from cervical carcinoma, five-year survival (with no evidence of disease) in patients with (Piver, Barlow, and Krishnamsetty), 575
- Microscopic observations, clinical, light and electron: Primary malignant melanoma of vagina (Berman, Tobon, and Surti), 963 (Comm. in brief)
- Microsurgical and gross surgical techniques for tubal anastomosis, comparison of: Reversal of female sterilization (Henderson), 73
- Midtrimester abortion, preferred method of: Dilation and evacuation (Cadesky, Ravinsky, and Lyons), 329
- Milk composition of nonpuerperal women, changes in (Kulski et al.), 597
- Mineral homeostasis, control of, during lactation: Interrelationships of 25-hydroxyvitamin D, 24,25-dihydroxyvitamin D, 1,25-dihydroxyvitamin D, parathyroid hormone, calcitonin, prolactin, and estradiol (Hillman et al.), 471
- Minilaparotomy, laparoscopy and, uterine perforation during sterili-zation by (Chi and Feldblum), 735 (Comm. in brief)
- Minor (glycosylated) hemoglobins in cord blood of infants of normal and diabetic mothers (Fadel et al.), 397
- Molar pregnancy in British Columbia: Estimated incidence and postevacuation regression patterns of beta subunit of human chorionic gonadotropin (Ho Yuen and Cannon), 316 Monitoring, fetal, evaluation of Corometrics 315 telemetry system for
- (Lipshitz et al.), 199
 - heart rate, prediction of intrapartum fetal metabolic acidosis by (Low et al.), 299
- Morbidity, factors influencing, in termination of pregnancy (Harman, Fish, and Tyson), 333
- perinatal, putative index of: Neonatal body water turnover (Mac-Lennan et al.), 948
- Morphine, maternal and fetal concentrations of, after epidural administration during labor (Nybell-Lindahl et al.), 20 Mortality, invasive cervical cancer and, relationship of cervical cytology
- to incidence of, in Alameda County, California, 1960 to 1974 (Dunn and Schweitzer), 868
- Mothers, normal and diabetic, minor (glycosylated) hemoglobins in cord blood of infants of (Fadel et al.), 397

 Movements, daily fetal, and nonstress test, correlation of, as tools for
- assessment of fetal welfare (O'Leary and Andrinopoulos), 107 (Comm. in brief)
- human fetal breathing, effects of synthetic glucocorticoid administration on, at 34 to 35 weeks' gestational age (Patrick et al.), 324
- Moxalactam for obstetric and gynecologic infections (Cunningham et al.), 915
- Multiple sclerosis, urodynamic studies in female patients with (Beck,
- Warren, and Whitman), 273
 Muscle instability, detrusor—Complication of surgery (Jarvis), 219 (Comm. in brief)

Muscle-Cont'd

smooth, -like cells, progesterone-induced, in subperitoneal nodules produced by estrogen (Fujii et al.), 164

Myocardial infarction, early menopause and risk of (Rosenberg et al.),

Naloxone and its possible relationship to fetal endorphin levels and

fetal distress (Goodlin), 16 National Maternity Hospital, Dublin, Ireland, 1969 to 1978, pregnancy complicated by maternal heart disease at (Sugrue, Blake, and MacDonald), 1 Needle, fine-, aspiration cytology in management of gynecologic

cancer (Belinson et al.), 148

Neisseria meningitidis, recovery of, from cul-de-sac of woman with endometritis-salpingitis-peritonitis (Monif), 108 (Comm. in brief)

Neonatal body water turnover: Putative index of perinatal morbidity (MacLennan et al.), 948 significance of selected perinatal events among infants of low birth

weight. I. Overall results (Perkins), 546

Neoplasia, cervical intraepithelial, basal cell pseudopodia in; progres sive reduction of number with severity: Morphometric

quantification (Twiggs, Clark, and Okagaki), 640 carbon dioxide laser in: Five-year experience in treating 230 patients (Masterson et al.), 565 cryosurgical treatment of, with follow-up of five to eight years

(Hemmingsson, Stendahl, and Stensón), 144 significance of atypical vessels and neovascularization in (Sillman,

Boyce, and Fruchter), 154 endometrial-Screening high-risk patient (Cramer and Osborne),

285 Neoplasms, gynecologic, low-density lipoprotein as potential vehicle

for chemotherapeutic agents and radionucleotides in management of (Gal et al.), 877 Neovascularization, atypical vessels and, significance of, in cervical neoplasia (Sillman, Boyce, and Fruchter), 154

Newborn, fetal-, health status, maternal psychological and physiologic

correlates of (Lederman et al.), 956 infants, behavioral state of, during first hour of life, observations on (Saigal et al.), 715

lambs, adrenal responses to prostaglandin E2 in (Carson and Challis), 359

NIH Consensus Development Task Force statement on cesarean childbirth, 902

Nitroprusside, fetal toxicity of, in pregnant ewe (Naulty, Cefalo, and Lewis), 708

-induced hemodynamic alterations in normotensive and hypertensive pregnant sheep (Lieb et al.), 925

Node metastasis, biopsy-confirmed aortic, from cervical carcinoma, five-year survival (with no evidence of disease) in patients with (Piver, Barlow, and Krishnamsetty), 575

Nodules, subperitoneal, produced by estrogen, progesterone-induced smooth muscle-like cells in (Fujii et al.), 164

Nonstress test: Review of 3,000 tests (Phelan), 7

Normotensive and hypertensive pregnant sheep, nitroprusside-induced hemodynamic alterations in (Lieb et al.), 925

Novel compounds, demonstration of, in human fetal tissues and consideration of their possible role in parturition (Pearson Murphy), 353

Nucleotides, cyclic, corpus luteum luteinizing hormone/human chorionic gonadotropin receptors and, effect of estradiol and prostaglandin $F_{2\alpha}$ on, in rhesus monkey: Mechanism of luteolysis (Sotrel et al.), 134

Obstetric and gynecologic infections, moxalactam for (Cunningham et al.), 915

Obstetrician-gynecologist, analysis of adolescent health care and role of (Davidson), 845

Occlusion, partial aortic, pregnancy associated with (Socol, Conn, and Frederiksen), 965 (Comm, in brief) Ontogenesis of beta-adrenergic receptors in ovine placenta (Padbury

et al.), 459 Operations, intestinal, in patients with ovarian carcinoma (Castaldo

et al.), 80 Optical density at 650 nm, lecithin/sphingomyelin ratio and, effect of cervical/vaginal secretions on measurements of (Sbarra et Oral contraceptive use, sexual activity, and cervical carcinoma (Swan and Brown), 52

medroxyprogesterone acetate therapy, placebo and, diminish menopausal vasomotor flushes, objective evidence that (Albrecht et al.), 631

Orally administered estrogens, vaginally and, comparison between de-gree of systemic absorption of, at different dose levels in postmenopausal women (Deutsch, Ossowski, and Benjamin), 967 (Comm. in brief)

Organelles, intracellular, of human ovaries, presence of gonadotropin binding sites in (Rao et al.), 655

Ototoxicity of erythromycin gluceptate (Beckner et al.), 738 (Comm. in brief)

Ovarian androgen metabolism, prolactin-stimulated (Polan and Behrman), 487

carcinoma, intestinal operations in patients with (Castaldo et al.), 80 failure in long-term survivors of childhood malignancy (Stillman et al.), 62

Ovaries, human, presence of gonadotropin binding sites in intracellular organelles of (Rao et al.), 655

Ovulation and defined changes in concentration of plasma estradiol-17β, luteinizing hormone, follicle-stimulating hormone, and progesterone, temporal relationships between. II. Histologic dating (World Health Organization Task Force on Methods for Determination of Fertile Period), 886

human, ultrasonic observation of mechanism of (de Crespigny, O'Herlihy, and Robinson), 636

Oxytocin, ambulation versus, for labor enhancement, randomized trial of: Preliminary report (Read, Miller, and Paul), 669

Papers of the Society for Gynecologic Investigation, 365-498

Paraganglioma, solitary, of vagina-Report of case (Pezeshkpour), 219 (Comm. in brief)

Parathyroid hormone, calcitonin, prolactin, estradiol, 25-hydroxyvitamin D, 24,25-dihydroxyvitamin D, and 1,25-dihydroxyvitamin D: Control of mineral homeostasis during lactation (Hillman et al.), 471

Paravestibular tumor of female genital tract (Fowler, Lawrence, and Edelman), 109 (Comm. in brief)

Parturition, demonstration of novel compounds in human fetal tissues and consideration of their possible role in (Pearson Murphy), 353

human, initiation of. XII. Biosynthesis and metabolism of prostaglandins in human fetal membranes and uterine decidua (Okazaki et al.), 373

Pathologic features, clinical evaluation and, I. Adenocarcinoma of cervix (Shingleton et al.), 799

Pearl Pregnancy Index reexamined: Still useful for clinical trials of contraceptives (Shelton and Taylor), 592 Pelvic masses, large cystic, ultrasonographic evaluation of (Rosenberg

and Trought), 579

Pelvimetry, x-ray, birth weight and, predictability of labor outcome from comparison of (Jagani et al.), 507 Pennsylvania, seasonality of monthly birth rate in: Implications for

health care planning (Kenny and Ritter), 737 (Comm. in brief)

Peptide, C-, amniotic fluid, as index for intrauterine fetal growth (Lin et al.), 390

Perforation, uterine, during sterilization by laparoscopy and minilaparotomy (Chi and Feldblum), 735 (Comm. in brief) Perinatal events, selected, neonatal significance of, among infants of

low birth weight. I. Overall results (Perkins), 546 morbidity, putative index of: Neonatal body water turnover (Mac-Lennan et al.), 948

Peripheral blood concentrations, uterine and, of human chorionic gonadotropin and human placental lactogen (Gusdon and Sain), 705

Peritoneal (sub-) nodules produced by estrogen, progesterone-induced smooth muscle-like cells in (Fujii et al.), 164

Peritonitis-endometritis-salpingitis, recovery of Neisseria meningitidis from cul-de-sac of woman with (Monif), 108 (Comm. in brief)

gonococcal, following uterine manipulation at laparoscopy (Goodnough, O'Shaughnessy, and Shoff), 218 (Comm. in brief) Phosphatidylglycerol determination on amniotic fluid 10,000 ×

let in prediction of fetal lung maturity (Bent et al.), 259 Phosphoenolpyruvate carboxykinase activity in human amniotic fluid (Raghunathan and Foster), 939

- Physical stimulation, external, effects of, on fetuses near term (Richardson et al.), 344
- Physiologic correlates, maternal psychological and, of fetal-newborn health status (Lederman et al.), 956 "aging," in term human placenta (Parmley, Gupta, and
- Pigments. Walker), 760
- Pituitary adenomas, untreated prolactin-secreting, longitudinal evaluation of patients with (March et al.), 835
- Placebo and oral medroxyprogesterone acetate therapy diminish menopausal vasomotor flushes, objective evidence that (Albrecht et al.), 631
- Placenta, ovine, ontogenesis of beta-adrenergic receptors in (Padbury et al.), 459
- term human, "aging" pigments in (Parmley, Gupta, and Walker), 760
- Placental function, normal and insufficient, short-term variability of fetal heart rate during pregnancies with (Kariniemi and Ämmälä), 33
- lactogen, human, human chorionic gonadotropin and, uterine and peripheral blood concentrations of (Gusdon and Sain), 705
- proteins (human chorionic gonadotropin, pregnancy-specific beta-1 glycoprotein, and placental protein 5), specific, circulating concentrations of, in untreated gestational trophoblastic tumors (Lee et al.), 702
- tissues, maternal blood, and fetal cord blood, comparison of mercury
- levels in (Kuhnert, Kuhnert, and Erhard), 209 transfer and effects on maternal and fetal carbohydrate metabolism: Single injection of terbutaline in term labor (Ingemarsson et al.), 697
- Plasma adrenocorticotropin, maternal, and cortisol relationships throughout human pregnancy (Carr et al.), 416 estradiol-17β, luteinizing hormone, follicle-stimulating hormone,
- and progesterone, temporal relationships between ovula-tion and defined changes in concentration of. II. Histologic dating (World Health Organization Task Force on Methods
- for Determination of Fertile Period), 886
 estriol, unconjugated, in prolonged gestation, VII. Estriol in pregnancy (Gauthier, Griego, and Goebelsmann), 382
 estrone, estradiol, and estriol, loss of diurnal rhythm in, in women
- treated with synthetic glucocorticoids at 34 to 35 weeks' gestation (Challis et al.), 338
- maternal, prostacyclin, thromboxane, and prostaglandin F_{2α} in, dur-
- ing breast-feeding (Ylikorkala and Viinikka), 690 protein A, pregnancy-associated: Circulating levels during normal pregnancy (Folkersen et al.), 910
- Polypeptides, vasoactive, effects of, on uterine vasculature (Clark et al.), 182
- Postcoital testing in relation to circulating sperm-agglutinating antibodies in women (Friberg), 587
- Postmenopausal women, comparison between degree of systemic absorption of vaginally and orally administered estrogens at different dose levels in (Deutsch, Ossowski, and Benjamin), 967 (Comm. in brief)
- Pre-eclamptic patients who received glucocorticoid therapy, gastrointestinal hemorrhage in puerperium of (Semchyshyn), 217 (Comm. in brief)
- Pregnancy (pregnancies)-associated plasma protein A: Circulating levels during normal pregnancy (Folkersen et al.), 910 with partial aortic occlusion (Socol, Conn, and Frederiksen), 965
- (Comm. in brief) calcitropic hormone responsiveness during (Reynolds, Williams, and
- Pitkin), 855 complicated by maternal heart disease at National Maternity Hospital, Dublin, Ireland, 1969 to 1978 (Sugrue, Blake, and
 - MacDonald), 1 prematurity, 6β-hydroxycortisol levels in maternal urine of (Cumming, Love, and Lorscheider), 250
- early, antepartum ultrasonographic diagnosis of conjoined twins in (Schmidt, Heberling, and Kubli), 961 (Comm. in brief)
- ectopic, pseudogestational sac in (Weiner), 959 (Comm. in brief) elevated free cortisol index in: Possible regulatory mechanisms (Nolten and Rueckert), 492
- estriol in. VII. Unconjugated plasma estriol in prolonged gestation (Gauthier, Griego, and Goebelsmann), 382 factors influencing morbidity in termination of (Harman, Fish, and
- Tyson), 333
- human, maternal plasma adrenocorticotropin and cortisol relationships throughout (Carr et al.), 416
 - term, adrenergic innervation of uterine vasculature in (Zuspan et al.), 678

- Index, Pearl, reexamined: Still useful for clinical trials of contraceptives (Shelton and Taylor), 592
- molar, in British Columbia: Estimated incidence and postevacuation regression patterns of beta subunit of human chorionic gonadotropin (Ho Yuen and Cannon), 316
- natural history of group B streptococcus colonization and its therapy during (Lewin and Amstev), 512
- normal, I. Fetal umbilical venous flow measured in utero by pulsed Doppler and B-mode ultrasound (Gill et al.), 720
- desoxycorticosterone in. III. Evidence of fetal source of desoxy corticosterone (Nolten, Hughey Holt, and Rueckert), 477 outcome in patient with nonreactive nonstress test and positive con-
- traction stress test (Slomka and Phelan), 11 subsequent, study on effects of induced abortion on (Madore et al.), 516
- serum, rhesus monkey, immunosuppressive activity of (Ellingsworth et al.), 939
- sickle cell crisis during, in patient with hemoglobin SD disease (Thornton and Cerami), 739 (Comm. in brief)
- -specific beta-1 glycoprotein, placental protein 5, and human chorionic gonadotropin (specific placental proteins), circulating concentrations of, in untreated gestational trophoblastic tumors (Lee et al.), 702
 - use of rapid radioimmunoassay for, in gynecologic emergencies: Comparison with routine urinary pregnancy test and rapid radioimmunoassay for human chorionic gonadotropin (Siiteri et al.), 968 (Comm. in brief)
- urine and amniotic fluid, detection in: Protein-binding radioassay for 6β-hydroxycortisol (Bowler-Wong, Hay, and Lorscheider),
- weight gain, low, maternal acetonuria and, effects of, on children's psychomotor development (Naeye and Chez), 189
- with normal and insufficient placental function, short-term variabil-ity of fetal heart rate during (Kariniemi and Ämmälä), 33
- Pregnant dog, simplified technique to produce toxemia in (Abitbol), 526
 - ewe, fetal toxicity of nitroprusside in (Naulty, Cefalo, and Lewis), 708 (non-), maternal, and fetal models, role of prostaglandins in endo-
 - toxemia and comparisons in response in. II. Alterations in prostaglandin physiology in nonpregnant, pregnant, and fetal experimental animal (O'Brien et al.), 535
 - sheep, corticosteroid suppression of estrogen-induced uterine blood flow in (Monheit and Resnik), 454
 - primate uterus (*Macaca mulatta*), effect of adrenergic blockade on dynamics of (Harbert and Spisso), 767 sheep, normotensive and hypertensive, nitroprusside-induced he-
 - modynamic alterations in (Lieb et al.), 925
 - Premature rupture of membranes, bacterial contamination of cervix and (Creatsas et al.), 522 relationship to: Maternal and cord blood complement activity
 - (Levy and Arquembourg), 38 Prematurity, 6β-hydroxycortisol levels in maternal urine of pregnan-
 - cies complicated by (Cumming, Love, and Lorscheider), 250 Premenopausal hysterectomy and cardiovascular disease (Centerwall),
 - Premenstrual syndrome (Reid and Yen), 85 (Current developments) Prenatal diagnosis of diastrophic dwarfism (Mantagos et al.), 111
 - (Comm. in brief) genetic diagnosis in women 35 years of age and older, utilization of, in United States, 1977 to 1978 (Adams et al.), 673
 - Pressure-volume relationships, lecithin/sphingomyelin ratio and, effects of hexoprenaline on, in fetal rabbits (Lipshitz et al.), 796
 - Primary malignant melanoma of vagina: Clinical, light and electron microscopic observations (Berman, Tobon, and Surti), 963 (Comm. in brief)
- Process of consensus, introduction to (Rosen), 901
- decision-making (Mitchell), 745
- Progesterone, estradiol and, modulation of protein expression in en-dometrial adenocarcinoma cells by in vitro exposure to (O'Brien et al.), 67
 - -17β, luteinizing hormone, and follicle-stimulating hormone, plasma, temporal relationships between ovulation and defined changes in concentration of. II. Histologic dating (World Health Organization Task Force on Methods for Determination of Fertile Period), 886
 - -induced smooth muscle-like cells in subperitoneal nodules produced by estrogen (Fujii et al.), 164

3

- Prolactin and adrenal steroidogenesis, lack of relationship between, in ovine fetus (Takahashi et al.), 427
 - effect of cyproheptadine on chlorpromazine stimulation of, in women (Board and Fierro), 160
 - estradiol, 25-hydroxyvitamin D, 24,25-dihydroxyvitamin D, 1,25-dihydroxyvitamin D, parathyroid hormone, and calcitonin: Control of mineral homeostasis during lactation (Hillman et al.). 471
- levels, amniotic fluid, and lecithin/sphingomyelin ratios during third trimester of human gestation (Hatjis, Wu, and Gabbe), 435 -secreting pituitary adenomas, untreated, longitudinal evaluation of patients with (March et al.), 835
- -stimulated ovarian androgen metabolism (Polan and Behrman), 487 Prophylactic antibiotics in first-trimester abortions: Clinical, controlled trial (Sonne-Holm et al.), 693
- Prostacyclin, thromboxane, and prostaglandin $F_{2\alpha}$ in maternal plasma during breast-feeding (Ylikorkala and Viinikka), 690 Prostaglandin(s), biosynthesis and metabolism of, in human fetal membranes and uterine decidua, XII. Initiation of human parturition (Okazaki et al.), 373
 - E2, adrenal responses to, in newborn lambs (Carson and Challis), 359 $F_{3\alpha}$, estradiol and, effect of, on corpus luteum luteinizing hormone/human chorionic gonadotropin receptors and cyclic nucleotides in rhesus monkey (Sotrel et al.), 134
 - prostacyclin, and thromboxane in maternal plasma during breastfeeding (Ylikorkala and Viinikka), 690
- role of, in endotoxemia and comparisons in response in nonpregnant, maternal, and fetal models. II. Alterations in prost glandin physiology in nonpregnant, pregnant, and fetal experimental animal (O'Brien et al.), 535 Protein(s) A, pregnancy-associated plasma: Circulating levels during
- normal pregnancy (Folkersen et al.), 910
- -binding radioassay for 6β-hydroxycortisol: Detection in pregnancy urine and amniotic fluid (Bowler-Wong, Hay, and Lorscheider), 243
- (human chorionic gonadotropin, pregnancy-specific beta-1 glyco-protein, and placental protein 5), specific placental circulating concentrations of, in untreated gestational trophoblastic tumors (Lee et al.), 702
- expression, modulation of, in endometrial adenocarcinoma cells by in vitro exposure to estradiol and progesterone (O'Brien et al.), 67
- synthesis by human fetal lung (Genbačev et al.), 41
- Pseudogestational sac in ectopic pregnancy (Weiner), 959 (Comm. in
- Pseudopodia, basal cell, in cervical intraepithelial neoplasia; progressive reduction of number with severity: Morphometric quantification (Twiggs, Clark, and Okagaki), 640
- Psychological and physiologic correlates, maternal, of fetal-newborn health status (Lederman et al.), 956
- Psychomotor development, children's, effects of maternal acetonuria and low pregnancy weight gain on (Naeye and Chez), 189
- Puerperal febrile complications and cervical flora following elective manual exploration of uterus (Berger, Gillieson, and Walters), 320
- infections, group B beta-hemolytic streptococci and (Faro), 686 (non-) women, changes in milk composition of (Kulski et al.), 597
- Puerperium, gastrointestinal hemorrhage in, of pre-eclamptic patients who received glucocorticoid therapy (Semchyshyn), 217 (Comm. in brief)
- Pulmonary surfactant-inducing effect, comparative, of three corticosteroids in near-term rat (Anderson et al.), 562
- Pulsed Doppler and B-mode ultrasound, fetal umbilical venous flow measured in utero by. I. Normal pregnancies (Gill et al.), 720

- Radiation (post-) ureteral obstruction: Reappraisal (Muram et al.), 289 Radioassay, protein-binding, for 6β-hydroxycortisol: Detection in pregnancy urine and amniotic fluid (Bowler-Wong, Hay, and Lorscheider), 243
- Radioimmunoassay, rapid, use of, for pregnancy-specific beta-1 glycoprotein in gynecologic emergencies: Comparison with rou-tine urinary pregnancy test and rapid radioimmunoassay for human chorionic gonadotropin (Siiteri et al.), 968 (Comm. in brief)

- Radionucleotides, chemotherapeutic agents and, low-density lipoprotein as potential vehicle for, in management of gynecologic neoplasms (Gal et al.), 877
- Real-time ultrasound measurement of femur length, assessment of gestational age in second trimester by (O'Brien, Queenan, and Campbell), 540
- Receptors, beta-adrenergic, ontogenesis of, in ovine placenta (Padbury et al.), 459
- corpus luteum luteinizing hormone/human chorionic gonadotropin, and cyclic nucleotides, effect of estradiol and prostaglandin F_{2α} on, in rhesus monkey: Mechanism of luteolysis (Sotrel et al.), 134
- Renal bacteriuria, bladder versus, during pregnancy: Recurrence after treatment (Leveno et al.), 403
- Repeat cesarean section, elective, evaluation of, as standard of care: Application of decision analysis (Shy, LoGerfo, and Karp), 123 (Clinical opinion)
- Retardation, intrauterine growth, antepartum detection of: Qualitative amniotic fluid volume determination by ultrasound (Manning, Hill, and Platt), 254
 - glucose tolerance test as means of identifying (Khouzami et al.), 493
- Retropubic urethropexy, transvaginal (Quigley and King), 268
- Rh-D factor in trophoblastic tumors: Possible cause of high incidence in Asia (Tomoda et al.), 742 (Comm. in brief) Rokitansky-Kuster-Hauser syndrome, endometriosis in patient with
- (Rosenfeld and Lecher), 105 (Comm. in brief)
- Roster of American obstetrical and gynecological societies, 118-120 Rupture, premature, of membranes, bacterial contamination of cervix
 - and (Creatsas et al.), 522 relationship to: Maternal and cord blood complement activity (Levy and Arquembourg), 38

S

- Sac, pseudogestational, in ectopic pregnancy (Weiner), 959 (Comm. in brief
- Salpingitis-peritonitis-endometritis, recovery of Neisseria meningitidis from cul-de-sac of woman with (Monif), 108 (Comm. in brief)
- Seasonality of monthly birth rate in Pennsylvania: Implications for health care planning (Kenny and Ritter), 737 (Comm. in brief)
- Secreting, prolactin-, pituitary adenomas, untreated, longitudinal evaluation of patients with (March et al.), 835 Secretions, cervical/vaginal, effect of, on measurements of lecithin/
- sphingomyelin ratio and optical density at 650 nm (Sbarra
- Serum, rhesus monkey pregnancy, immunosuppressive activity of (Ellingsworth et al.), 932
- Sexual activity, oral contraceptive use, and cervical carcinoma (Swan and Brown), 52
- Sexually transmitted conditions among women college students (McCormack et al.), 130
- Sickle cell crisis during pregnancy in patient with hemoglobin SD disease (Thornton and Cerami), 739 (Comm. in brief)
- Sinus tumor, endodermal, transformation of, to dysgerminoma follow-ing chemotherapy (Deppe et al.), 970 (Comm. in brief) Sinusoidal fetal heart rate pattern, significance of (Johnson et al.), 446
- Smooth muscle-like cells, progesterone-induced, in subperitoneal nodules produced by estrogen (Fujii et al.), 164
- Society for Gynecologic Investigation, papers of, 365-498 of Obstetricians and Gynaecologists of Canada, transactions, thirty-
- sixth annual meeting, 239-363 Sonographic abdominal circumference: Dynamic versus static imaging (Weiner et al.), 953
 - demonstration of uterine contraction during amniocentesis (Finberg and Frigoletto), 740 (Comm. in brief)
- Sperm-agglutinating antibodies, circulating, postcoital testing in relation to, in women (Friberg), 587
- Sphingomyelin, lecithin/, ratio(s), amniotic fluid prolactin levels and, during third trimester of human gestation (Hatjis, Wu, and Gabbe), 435
 - and pressure-volume relationships, effects of hexoprenaline on, in fetal rabbits (Lipshitz et al.), 726
 - optical density at 650 nm, effect of cervical/vaginal secretions on measurements of (Sbarra et al.), 214
- Squamous cell carcinoma of vagina following hysterectomy (Stuart, Allen, and Anderson), 311

- Staged human embryos and early fetuses, estimated age of (Moore, Hutchins, and O'Rahilly), 500
- Static imaging, dynamic versus: Sonographic abdominal circumference
- (Weiner et al.), 953 Sterilization, female, reversal of: Comparison of microsurgical and gross surgical techniques for tubal anastomosis (Henderson), 73
- laparoscopic, by unipolar electrocoagulating devices, deaths associated with, 1978 and 1979 (Peterson et al.), 141
- by laparoscopy and minilaparotomy, uterine perforation during (Chi and Feldblum), 735 (Comm. in brief) Steroidogenesis, prolactin and adrenal, lack of relationship between, in
- ovine fetus (Takahashi et al.), 427
- Stillborn infants, case for examination protocol in: Unsuspected trisomy 18 (Cassidy, Benedetti, and Sybert), 221 (Comm. in brief)
- Streptococus (streptococci) colonization, group B, natural history of, and its therapy during pregnancy (Lewin and Amstey), 512
- group B beta-hemolytic, and puerperal infections (Faro), 686 maternal blood group and colonization with (Iams and Sprague), 922
- Stress (non-) test, nonreactive, and positive contraction stress test, pregnancy outcome in patient with (Slomka and Phelan), 11
- women college, sexually transmitted conditions among (McCormack et al.), 130 Students,
- Surfactant, pulmonary, -inducing effect, comparative, of three corticosteroids in near-term rat (Anderson et al.), 562
- Surgery, carbon dioxide laser, complications associated with, in gynecology (Baggish), 568 complication of—Detrusor muscle instability (Jarvis), 219 (Comm. in
- Surgical techniques, microsurgical and gross, for tubal anastomosis, comparison of: Reversal of female sterilization (Henderson). 73
- Survival (with no evidence of disease), five-year, in patients with biopsy-confirmed aortic node metastasis from cervical carcinoma (Piver, Barlow, and Krishnamsetty), 575
- Swan-Ganz catheter and its application in gynecologic patient (Helm-
- kamp et al.), 628 Syndrome, Fitz-Hugh-Curtis, culture-proved (Kornfeld and Worthington), 106 (Comm. in brief)
- Klippel-Trenaunay-Weber, in utero ultrasonographic appearance of (Hatjis et al.), 972 (Comm. in brief)
- oremenstrual (Reid and Yen), 85 (Current developments)
- Rokitansky-Kuster-Hauser, endometriosis in patient with (Rosenfeld and Lecher), 105 (Comm. in brief) Synthesis, protein, by human fetal lung (Genbačev et al.), 41
- Synthetic glucocorticoid(s) administration, effects of, on human fetal breathing movements at 34 to 35 weeks' gestational age (Patrick et al.), 324
 - loss of diurnal rhythm in plasma estrone, estradiol, and estriol in women treated with, at 34 to 35 weeks' gestation (Challis et al.), 338
- Systemic absorption of vaginally and orally administered estrogens, comparison between degree of, at different dose levels in postmenopausal women (Deutsch, Ossowski, and Benjamin), 967 (Comm. in brief)

- Telemetry system, Corometrics 315, evaluation of, for fetal monitoring (Lipshitz et al.), 199
- Temporal relationships between ovulation and defined changes in concentration of plasma estradiol-17 β , luteinizing hormone, follicle-stimulating hormone, and progesterone. II. Histologic dating (World Health Organization Task Force on Methods for Determination of Fertile Period), 886
- Terbutaline, single injection of, in term labor: Placental transfer and effects on maternal and fetal carbohydrate metabolism (Ingemarsson et al.), 697
- treatment for preterm labor, cardiovascular complications associated with (Katz, Robertson, and Creasy), 605
- Term, effects of external physical stimulation on fetuses near (Richardson et al.), 344
 - human placenta, "aging" pigments in (Parmley, Gupta, and Walker), 760
- labor, single injection of terbutaline in: Placental transfer and effects on maternal and fetal carbohydrate metabolism (Ingemarsson et al.), 697

- Term-Cont'd
 - near-, rat, comparative pulmonary surfactant-inducing effect of three corticosteroids in (Anderson et al.), 562
 - (pre-) labor, cardiovascular complications associated with terbutaline treatment for (Katz, Robertson, and Creasy), 605
 - pregnancy, human, adrenergic innervation of uterine vasculature in (Zuspan et al.), 678
- Termination of pregnancy, factors influencing morbidity in (Harman, Fish, and Tyson), 333
- Test, glucose tolerance, as means of identifying intrauterine growth retardation (Khouzami et al.), 423
- nonreactive nonstress, and positive contraction stress test, pregnancy outcome in patient with (Slomka and Phelan), 11 nonstress: Review of 3,000 tests (Phelan), 7
- routine urinary pregnancy, and rapid radioimmunoassay for human chorionic gonadotropin, comparison with: Use of rapid radioimmunoassay for pregnancy-specific beta-1 glycoprotein in gynecologic emergencies (Siiteri et al.), 968 (Comm. in brief
- Testing, antepartum fetal heart rate. VII. Significance of fetal bradycardia (Druzin et al.), 194
- postcoital, in relation to circulating sperm-agglutinating antibodies in women (Friberg), 587
- Thromboxane, prostaglandin F_{2α}, and prostacyclin in maternal plasma during breast-feeding (Ylikorkala and Viinikka), 690
- Thyroid-stimulating hormone, cyclic variation in, in fetal rhesus monkey (Socol et al.), 712
- Tissues, human fetal, demonstration of novel compounds in, and consideration of their possible role in parturition (Pearson Murphy), 353
- placental, maternal blood, and fetal cord blood, comparison of mercury levels in (Kuhnert, Kuhnert, and Erhard), 209
- Toxemia, simplified technique to produce, in pregnant dog (Abitbol), 526
- Toxicity, distribution, and clearance: Metabolism of cis-dichlorodiammineplatinum (II) (Lagasse et al.), 791 fetal, of nitroprusside in pregnant ewe (Naulty, Cefalo, and Lewis),
- Transactions, first combined annual meeting, The American Associa-tion of Obstetricians and Gynecologists and American Gy-
- necological Society, 745-864 thirty-sixth annual meeting, Society of Obstetricians and Gynaecologists of Canada, 239-363
- Transfusion, intrauterine fetal, in 365 fetuses during fifteen years (Frigoletto et al.), 781
- Transvaginal retropubic urethropexy (Quigley and "ng), 268 Trimester, first-, abortions, prophylactic antibiotics in: Clinical, controlled trial (Sonne-Holm et al.), 693
- second, assessment of gestational age in, by real-time ultrasound measurement of femur length (O'Brien, Queenan, and Campbell), 540
- third, of human gestation, amniotic fluid prolactin levels and lecithin/sphingomyelin ratios during (Hatjis, Wu, and Gabbe), 435
- isolation of cytomegalovirus from amniotic fluid during (Yambao et al.), 937
- Trisomy 18, unsuspected: Case for examination protocol in stillborn infants (Cassidy, Benedetti, and Sybert), 221 (Comm. in brief
- Trophoblastic tumors, Rh-D factor in: Possible cause of high incidence in Asia (Tomoda et al.), 742 (Comm. in brief)
 - untreated gestational, circulating concentrations of specific placental proteins (human chorionic gonadotropin, pregnancy-specific beta-1 glycoprotein, and placental protein 5) in (Lee et al.), 702
- Tubal anastomosis, comparison of microsurgical and gross surgical techniques for: Reversal of female sterilization (Henderson), 73
- Tumor(s), endodermal sinus, transformation of, to dysgerminoma following chemotherapy (Deppe et al.), 970 (Comm. in brief) paravestibular, of female genital tract (Fowler, Lawrence, and Edel-
- man), 109 (Comm. in brief) trophoblastic, Rh-D factor in: Possible cause of high incidence in Asia (Tomoda et al.), 742 (Comm. in brief)
- untreated gestational trophoblastic, circulating concentrations of specific placental proteins (human chorionic gonadotropin, pregnancy-specific beta-1 glycoprotein, and placental protein 5) in (Lee et al.), 702

Twins, conjoined, antepartum ultrasonographic diagnosis of, in early pregnancy (Schmidt, Heberling, and Kubli), 961 (Comm. in

- Ultrasonic observation of mechanism of human ovulation (de Crespigny, O'Herlihy, and Robinson), 636
- Ultrasonographic appearance, in utero, of Klippel-Trenaunay-Weber
- syndrome (Hatjis et al.), 972 (Comm. in brief) diagnosis, antepartum, of conjoined twins in early pregnancy (Schmidt, Heberling, and Kubli, 961 (Comm. in brief) evaluation of large cystic pelvic masses (Rosenberg and Trought),
- Ultrasound, B-mode, pulsed Doppler and, fetal umbilical venous flow measured in utero by. I. Normal pregnancies (Gill et al.),
- measurement, real-time, of femur length, assessment of gestational age in second trimester by (O'Brien, Queenan, and Camp-
- qualitative amniotic fluid volume determination by: Antepartum detection of intrauterine growth retardation (Manning, Hill, and Platt), 254
- Umbilical venous flow, fetal, measured in utero by pulsed Doppler and B-mode ultrasound. I. Normal pregnancies (Gill et al.), 720
- Unicollis, uterus didelphys, with adenocarcinoma in one horn and atypical endometrial hyperplasia in other: Case report (Eichner and Simak), 222 (Comm. in brief)
- Unipolar electrocoagulating devices, deaths associated with laparos-copic sterilization by, 1978 and 1979 (Peterson et al.), 141
- United States, utilization of prenatal genetic diagnosis in women 35 years of age and older in, 1977 to 1978 (Adams et al.), 673
- Ureteral obstruction, postradiation: Reappraisal (Muram et al.), 289 Urethral function, bladder and, effect of Wertheim hysterectomy
- upon (Low, Mauger, and Carmichael), 826
- Urethropexy, transvaginal retropubic (Quigley and King), 268 Urinary pregnancy test, routine, and rapid radioimmunoassay for human chorionic gonadotropin, comparison with: Use of rapid radioimmunoassay for pregnancy-specific beta-1 glycoprotein in gynecologic emergencies (Siiteri et al.), 968 (Comm. in brief)
- Urine, maternal, of pregnancies complicated by prematurity, 6β -hydroxycortisol levels in (Cumming, Love, and Lorscheider),
- pregnancy, and amniotic fluid, detection in: Protein-binding radioassay for 6\beta-hydroxycortisol (Bowler-Wong, Hay, and Lorscheider), 243
- Urodynamic studies in female patients with multiple sclerosis (Beck, Warren, and Whitman), 273
- Uterine blood flow, estrogen-induced, corticosteroid suppression of, in nonpregnant sheep (Monheit and Resnik), 454 contraction, sonographic demonstration of, during amniocentesis
- (Finberg and Frigoletto), 740 (Comm. in brief) decidua, human fetal membranes and, biosynthesis and metabolism
- of prostaglandins in, XII. Initiation of human parturition (Okazaki et al.), 373
- manipulation at laparoscopy, gonococcal peritonitis following (Goodnough, O'Shaughnessy, and Shoff), 218 (Comm. in
- perforation during sterilization by laparoscopy and minilaparotomy (Chi and Feldblum), 735 (Comm. in brief)
- and peripheral blood concentrations of human chorionic gonadotropin and human placental lactogen (Gusdon and Sain), 705
- vasculature, adrenergic innervation of, in human term pregnancy (Zuspan et al.), 678
 - effects of vasoactive polypeptides on (Clark et al.), 182

- Utero, fetal umbilical venous flow measured in, by pulsed Doppler and
- B-mode ultrasound. I. Normal pregnancies (Gill et al.), 720 ultrasonographic appearance in, of Klippel-Trenaunay-Weber syndrome (Hatjis et al.), 972 (Comm. in brief)
 Uterus didelphys unicollis with adenocarcinoma in one horn and atyp-
- ical endometrial hyperplasia in other: Case report (Eichner and Simak), 222 (Comm. in brief)
- (Macaca mulatta), pregnant primate, effect of adrenergic blockade on dynamics of (Harbert and Spisso), 767 puerperal febrile complications and cervical flora following elective
- manual exploration of (Berger, Gillieson, and Walters), 320

- Vagina, management of congenital absence of (Bryans), 281
 - primary malignant melanoma of: Clinical, light and electron microscopic observations (Berman, Tobon, and Surti), 963 (Comm. in brief)
 - solitary paraganglioma of-Report of case (Pezeshkpour), 219 (Comm. in brief)
 - squamous cell carcinoma, following hysterectomy (Stuart, Allen, and Anderson), 311
 - Vaginal, cervical, secretions, effect of, on measurements of lecithin, sphingomyelin ratio and optical density at 650 nm (Sbarra et al.), 214
- Vaginally and orally administered estrogens, comparison between degree of systemic absorption of, at different dose levels in postmenopausal women (Deutsch, Ossowski, and Benjamin), 967 (Comm. in brief)
- Vasculature, uterine, adrenergic innervation of, in human term preg-nancy (Zuspan et al.), 678
 - effects of vasoactive polypeptides on (Clark et al.), 182
- Vasoactive polypeptides, effects of, on uterine vasculature (Clark et al.), 182
- Vasomotor flushes, menopausal, objective evidence that placebo and oral medroxyprogesterone acetate therapy diminish (Albrecht et al.), 631
- Vehicle, potential, for chemotherapeutic agents and radionucleotides, low-density lipoprotein as, in management of gynecologic neoplasms (Gal et al.), 877
- Venous flow, fetal umbilical, measured in utero by pulsed Doppler and
- B-mode ultrasound. I. Normal pregnancies (Gill et al.), 720 Vessels, atypical, and neovascularization, significance of, in cervical neoplasia (Sillman, Boyce, and Fruchter), 154
- Volume, pressure-, relationships, lecithin/sphingomyelin ratio and, effects of hexoprenaline on, in fetal rabbits (Lipshitz et al.),

- Water turnover, neonatal body: Putative index of perinatal morbidity (MacLennan et al.), 948
- Weight, birth, gestation, and fetal growth curve (Wilcox), 863 (Clinical opinion)
 - and x-ray pelvimetry, predictability of labor outcome from com-
- parison of (Jagani et al.), 507 gain, low pregnancy, maternal acetonuria and, effects of, on children's psychomotor development (Naeye and Chez), 189
- low birth, infants of, neonatal significance of selected perinatal events among. I. Overall results (Perkins), 546
- Wertheim hysterectomy, effect of, upon bladder and urethral function (Low, Mauger, and Carmichael, 826

X-ray pelvimetry, birth weight and, predictability of labor outcome from comparison of (Jagani et al.), 507

Editors

JOHN I. BREWER, Editor in Chief

FREDERICK P. ZUSPAN, E. J. QUILLIGAN, Editors

ALBERT B. GERBIE, Associate Editor

HOWARD C. TAYLOR, JR., ALLAN C. BARNES, Emeritus Editors

Advisory committee on policy

C. D. Christian Leo J. Dunn David Figge Fred T. Given A. Brian Little Edgar L. Makowski George D. Malkasian Roy T. Parker W. Ann Reynolds J. C. G. Whetham

Board of corresponding editors

Oscar Aguero, Caracas
Frederick Kubli, Heidelberg
Pierre O. Hubinont, Brussels
Malcolm Symonds, Nottingham
Ichiro Taki, Fukuoha

Volume 140 May-August, 1981 The C. V. Mosby Company St. Louis 1981 in addition to those listed on the front cover the Journal is the official publication of the following societies

NEW YORK OBSTETRICAL SOCIETY OBSTETRICAL SOCIETY OF PHILADELPHIA BROOKLYN GYNECOLOGICAL SOCIETY ST. LOUIS GYNECOLOGICAL SOCIETY NEW ORLEANS GYNECOLOGICAL AND OBSTETRICAL SOCIETY THE OBSTETRICAL AND GYNECOLOGICAL SOCIETY OF MARYLAND CHICAGO GYNECOLOGICAL SOCIETY CINCINNATI OBSTETRICAL AND GYNECOLOGICAL SOCIETY WASHINGTON GYNECOLOGICAL SOCIETY PITTSBURGH OBSTETRICAL AND GYNECOLOGICAL SOCIETY BOSTON OBSTETRICAL SOCIETY LOUISVILLE OBSTETRICAL AND GYNECOLOGICAL SOCIETY SEATTLE GYNECOLOGICAL SOCIETY ALABAMA ASSOCIATION OF OBSTETRICIANS AND GYNECOLOGISTS AKRON OBSTETRICAL AND GYNECOLOGICAL SOCIETY KANSAS CITY GYNECOLOGICAL SOCIETY CENTRAL NEW YORK ASSOCIATION OF GYNECOLOGISTS AND OBSTETRICIANS

NEW JERSEY OBSTETRICAL AND GYNECOLOGICAL SOCIETY IOWA OBSTETRIC AND GYNECOLOGIC SOCIETY THE TEXAS ASSOCIATION OF OBSTETRICIANS AND GYNECOLOGISTS OKLAHOMA CITY OBSTETRICAL AND GYNECOLOGICAL SOCIETY MEMPHIS OBSTETRICAL AND GYNECOLOGICAL SOCIETY UTAH OBSTETRICAL AND GYNECOLOGICAL SOCIETY ROCHESTER OBSTETRICAL AND GYNECOLOGICAL SOCIETY ARKANSAS OBSTETRICAL AND GYNECOLOGICAL SOCIETY TENNESSEE STATE OBSTETRICAL AND GYNECOLOGICAL SOCIETY NEW YORK GYNECOLOGICAL SOCIETY PACIFIC NORTHWEST OBSTETRICAL AND GYNECOLOGICAL ASSOCIATION BUFFALO OBSTETRICAL AND GYNECOLOGICAL SOCIETY SAN FRANCISCO GYNECOLOGICAL SOCIETY JACKSON GYNECIC SOCIETY INDIANA OBSTETRICAL AND GYNECOLOGICAL SOCIETY THE MINNESOTA OBSTETRICAL AND GYNECOLOGICAL SOCIETY

Volume 140 Copyright © 1981 by The C. V. Mosby Company (All rights reserved)

Printed in the United States of America

Index to volume 140

Author index*

A

ABRAMS, JEROME, and SALAZAR, G. H. Massive ovarian edema, 346 (Comm. in brief)

Addison, W. A. (see Sutton et al.), 836

AKIYAMA, HIROSHI, KOHZU, HIROMU, and MATSUOKA, MATSUO. An approach to detection of placental separation and expulsion with new clinical signs: A study based on hemodynamic method and ultrasonography, 505

ALADJEM, SILVIO (see ANDERSON ET AL.), 499

ALEXANDER, PAULINE D. (see Fusi et al.), 953
ALLEN, THOMAS E. (see GAZIANO, FREEMAN, and ALLEN), 99

AMAROSE, ANTHONY P. (see TALERMAN, JARABAK, and AMAROSE), 475 AMIRIKIA, HASSAN, ZAREWYCH, BOHDAN, and EVANS, TOMMY N. Cesarean section: A 15-year review of changing incidence, indications, and risks, 81

AMISIAL, PIERRE A. (see SERAFINI ET AL.), 715

AMSTEY, MARVIN S. (see KREUTNER, DEL BENE, and AMSTEY), 895 ANDERSEN, H. FRANK, JOHNSON, TIMOTHY R. B., JR., FLORA, JAIRUS D., JR., and BARCLAY, MEL L. Gestational age assessment. II. Prediction from combined clinical observations, 770

Anderson, Craig L., Aladjem, Silvio, Ayuste, Ofelia, Caldwell, CANDACE, and ISMAIL, MAHMOUD. An analysis of maternal transport within a suburban metropolitan region, 499

ANDERSON, CRAIG W. (see RAYBURN ET AL.), 489 ANDERSON, GARLAND D. (see SAWYER ET AL.), 710

ANDERSON, GERALD G., ROTCHELL, YVONNE, and KAISER, DAVID G. Placental transfer of methylprednisolone following maternal intravenous administration, 699

- (see HATUS, HORBAR, and ANDERSON), 473

ANDERSON, TOM (see Ozols et al.), 611

ARTAL, RAUL, PLATT, LAWRENCE D., SPERLING, MARK, KAMMULA, RAO K., JILEK, JIRI, and NAKAMURA, ROBERT. Exercise in pregnancy. I. Maternal cardiovascular and metabolic responses in normal pregnancy, 123

AUBERT, MICHEL L. (see NOVY ET AL.), 552 AYALA, AQUILES R. (see WEHMANN ET AL.), 753 AYOUB, ELIA M. (see ZAWANEH ET AL.), 381 AYUSTE, OFELIA (see ANDERSON ET AL.), 499

BAER, HERMAN (see ZAWANEH ET AL.), 381 BAKER, E. R. (see MATHUR ET AL.), 923 BALFOUR, HENRY H., JR. (see GEHRZ ET AL.), 665

BARCLAY, MEL L. (see ANDERSEN ET AL.), 770 BARGEN-LOCKNER, CHARLENE, HAHN, PETER, and WITTMANN, BERND.

Plasma carnitine in pregnancy, 412
BARGLOW, P., HATCHER, R., WOLSTON, J., PHELPS, R., BURNS, W., and DEPP, R. Psychiatric risk factors in the pregnant diabetic pa-

BARKAUSKAS, VIOLET H., CHEN, SHU-PI C., CHEN, EDWIN H., and OHLSON, VIRGINIA M. Health problems encountered by nurse-practitioners and physicians in obstetric-gynecologic ambulatory care clinics, 393

BARNES, ANN B., KANAREK, DAVID J., GREENFIELD, ALAN J., JR., and BREWSTER, DAVID C. Vena caval filter placement during pregnancy, 707 (Comm. in brief)

- (see ROBBOY ET AL.), 579 BARRASSO, CHRISTINE (see NESS ET AL.), 661

BARRETT, JEFFREY M. (see BOEHM, DAVIDSON, and BARRETT), 295
BASKETT, T. F. (see Manning et al.), 289
BEARD, RICHARD W. (see Fusi et al.), 953
BECK, LEE R., RAMOS, RAMON AZNAR, FLOWERS, CHARLES E., JR., LOPEZ, GUSTAVO ZOMORA, LEWIS, DANNY H., and COWSAR, DONALD R. Clinical evaluation of injectable biodegradable contraceptive system, 799

BEHRMAN, S. JAN (see Musich, Behrman, and Menon), 62

Bell, Robin. Measurement of spontaneous uterine activity in the antenatal patient, 713 (Comm. in brief)

BHATIA, NARENDER N., and OSTERGARD, DONALD R. Urodynamic effects of retropubic urethropexy in genuine stress incontinence, 936

BIRKEN, STEVEN (see WEHMANN ET AL.), 753 BJORNSON, EDITH (see ZUSSMAN ET AL.), 725

BLAKE, PAMELA G. (see RUBINSKY ET AL.), 833

Blanco, Jorge D. (see Gibbs and Blanco), 405

BOBITT, J. R., HAYSLIP, CLIFFORD C., and DAMATO, JAMES D. Amniotic fluid infection as determined by transabdominal amniocentesis in patients with intact membranes in premature labor,

BOEHM, FRANK H., DAVIDSON, KATHY K., and BARRETT, JEFFREY M. The effect of electronic fetal monitoring on the incidence of cesarean section, 295

BORTH, RUDI (see STRICKLER ET AL.), 317

BOTTOMS, SIDNEY F., SOKOL, ROBERT J., and ROSEN, MORTIMER G. Short arrest of cervical dilatation: A risk for maternal/fetal/ infant morbidity, 108

BRAME, R. G. (see DOMBROSKI, MACKENNA, and BRAME), 461

BRENNER, WILLIAM E. (see DINGFELDER and BRENNER), 599

BREWSTER, DAVID C. (see BARNES ET AL.), 707 BRITTON, HUBERT G. (see Fusi et al.), 953

BROOKS, PATRICIA (see BURNIER ET AL.), 146 BROWN, ELIZABETH (see TAEUSCH ET AL.). 452

BRUCKNER, HOWARD (see DEPPE ET AL.), 313 BURNIER, ANDRE M., MARTIN, PURVIS L., YEN, SAMUEL S. C., and Brooks, Patricia. Sublingual absorption of micronized 17βestradiol, 146

BURNS, J. (see TAUBER ET AL.), 322

Burns, W. (see Barglow et al.), 46 Burton, Barbara K. (see Gardner, Burton, and Johnson), 250

BUSCEMA, J. (see STERN ET AL.), 309

BUSCEMA, JOSEPH, STERN, JEFFREY L., and WOODRUFF, J. DONALD. Early vasive carcinoma of the vulva, 563

BYRD, J. ROGERS (see REINDOLLAR, BYRD, and McDonough), 371

CALDWELL, CANDACE (see ANDERSON ET AL.), 499

CAMPBELL, GREGORY A. (see KROUS ET AL.), 743

CANFIELD, ROBERT E. (see WEHMANN ET AL.), 753

CANNON, WENDY (see YUEN, SY, and CANNON), 629 CATRON, ANDREW C. (see KROUS ET AL.), 743

CATTAMANCHI, GEETHA R., TAMASKAR, VASUNDHARA, EGEL, ROBERT T., SINGH, RAMA S., YRAPSIS, NICHOLAS S., PATEL, VINOD, and RATHI, MANOHAR. Intrauterine quadriplegia associated with breech presentation and hyperextension of fetal head: A case report, 831 (Comm. in brief)

CAVANAGH, DENIS (see RAO, CAVANAGH, and GASTON), 914

CEFALO, ROBERT C. (see CLARK, SEEDS, and CEFALO), 840

CHANG, C. M. (see KIMBALL ET AL.), 157

CHANTARATHERAKITTI, P. (see Nolan et al.), 531 CHAUHAN, PREM M. (see KANCHERLA ET AL.), 347

CHEN, EDWIN H. (see BARKAUSKAS ET AL.), 393

CHEN, SHU-PI C. (see BARKAUSKAS ET AL.), 393

CHERNY, WALTER B. (see STEDMAN ET AL.), 34

CHOW, ANTHONY W. (see GRIBBLE ET AL.), 423

CHRISTIAENS, G. C. M. L., SIXMA, J. J., and HASPELS, A. A. Fibrin and platelets in menstrual discharge before and after the insertion of an intrauterine contraceptive device, 793

CHRISTIANSON, WILLIAM R. (see GEHRZ ET AL.), 665

Chu, Joseph, Tamimi, Hisham K., and Figge, David C. Femoral node metastases with negative superficial inguinal nodes in early vulvar cancer, 337 (Comm. in brief)

^{*}May 1, 1-116; May 15, 117-236; June 1, 237-366; June 15, 367-488; July 1, 489-606; July 15, 607-724; August 1, 725-846; August 15, 847-986.

- CLAPP, JAMES F., III, SZETO, HAZEL H., LARROW, RODNEY, HEWITT, Jean, and Mann, Leon I. Fetal metabolic response to experi-
- mental placental vascular damage, 446
 David, Seeds, John W., and Cefalo, Robert C. Hyperparathyroid crisis and pregnancy, 840 (Comm. in brief)
 CLARK, KENNETH E. (see MILLICOVSKY ET AL.), 747
- (see STYS ET AL.), 415
- CLEWLOW, F. (see NATALE, CLEWLOW, and DAWES), 545
- COHEN, CARMEL J. (see DEPPE ET AL.), 313
- COLEMAN, RICHARD L. M. Colon cancer with postmenopausal uterine
- bleeding, 891 CONROY, MARY MARGARET (see GEHRZ ET AL.), 665
- COOKE, S. F., CRAVEN, D. J., and SYMONDS, E. M. A study of angiotensin II binding sites in human placenta, chorion, and amnion, 689
- Corey, M. (see Corkey et al.), 737 Corkey, C. W. B., Newth, C. J. L., Corey, M., and Levison, H. Pregnancy in cystic fibrosis: A better prognosis in patients with pancreatic function? 737
- COULAM, CAROLYN B. (see McCormick et al.), 8
- COVINO, BENJAMIN G. (see MORISHIMA ET AL.), 775 COWSAR, DONALD R. (see BECK ET AL.), 799
- Craven, D. J. (see Cooke, Craven, and Symonds), 689 Crawforn, Scott (see Stedman et al.), 34
- CREASY, ROBERT K. (see KATZ and CREASY), 34 CRUM, CHRISTOPHER P., WIBLE, JOANNE, FRICK, HENRY C., FENOGLIO, CECILIA M., RICHART, RALPH M., and WILLIAMSON, SUSAN. A case of extensive pelvic endometriosis terminating in endome-
- trial sarcoma, 718 (Comm. in brief) CRUZ, AMELIA C. (see ZAWANEH ET AL.), 381
- CURTIS, EARNEST M., and PINE, LEO. Actinomyces in the vaginas of women with and without intrauterine contraceptive devices,

D

- DAHLIN, DAVID C. (see LEE and DAHLIN), 834
- DALY, DOUGLAS C., MASLAR, ILA A., ROSENBERG, SANFORD M., TOHAN, NARENDRA, and RIDDICK, DANIEL H. Prolactin production by luteal phase defect endometrium, 587
- DAMATO, JAMES D. (see BOBITT, HAYSLIP, and DAMATO), 947
- DARLING, ARDELLE (see DRUTZ, DARLING, and UNGER), 570
- DAVIDSON, KATHY K. (see BOEHM, DAVIDSON, and BARRETT), 295
- DAVIDSON, PAUL T. (see GOOD ET AL.), 492
- DAWES, G. S., VISSER, G. H. A., GOODMAN, J. D. S., and LEVINE, D. H. Numerical analysis of the human fetal heart rate: Modulation by breathing and movement, 535
- (see NATALE, CLEWLOW, and DAWES), 545
- DEINARD, AMOS S., and OGBURN, PAUL, JR. A/NJ/8/76 Influenza vaccination program: Effects on maternal health and pregnancy outcome, 240
- DE JONG, RUDOLPH H. The chloroprocaine controversy, 237 (Clinical opinion)
- DEL BENE, VICTOR E. (see KREUTNER, DEL BENE, and AMSTEY), 895
- DEPP, R. (see BARGLOW ET AL.), 46
- DEFPE, GUNTER, JACOBS, ALLAN J., BRUCKNER, HOWARD, and COHEN, CARMEL J. Chemotherapy of advanced and recurrent endo-metrial carcinoma with cyclophosphamide, doxorubicin,
- 5-fluorouracil, and megestrol acetate, 313

 Deprez, Don P., Hunter, Richard E., and Hopkins, Timothy B. A bleeding vaginal lesion as the presenting sign of hypernephroma, 709 (Comm. in brief)
- DESESSO, JOHN M. (see MILLICOVSKY ET AL.), 747
- DESTEFANO, FRANK (see PETERSON ET AL.), 811
- DEVANEY, MELINDA (see FREEMAN ET AL.), 128
- DEVOE, KEITH, JR. (see Paulson and DeVoe), 468
- DEVOE, LAWRENCE D. (see LIN ET Al.), 282
- DIERKER, L. J. (see SOROKIN ET AL.), 456
- DILLON, HUGH C., Jr. (see Wood and DILLON), 515 DILTS, PRESTON V. (see SAWYER ET AL.), 710
- DINGFELDER, JAMES R. Primary dysmenorrhea treatment with prosta-
- glandin inhibitors: A review, 874

 and Brenner, William E. Peritoneal insufflation for laparoscopy with a Laerdal resuscitation bag, 599 (Current investigation)
 Di Saia, Philip J., and Rich, William M. Surgical approach to mul-
- tifocal carcinoma in situ of the vulva, 136 DOMBROSKI, R. A., MACKENNA, J., and BRAME, R. G. Comparison of amniotic fluid lung maturity profiles in paired vaginal and amniocentesis specimens, 461
- DORCHESTER, WENDY (see FREEMAN ET AL.), 128

- DOUGLAS, GORDON W. The doctrine of consciousness in obstetrics and
- gyne-ology, 29 Drake, Terrance S., O'Brien, William F., Ramwell, Peter W., and METZ, STEPHEN A. Peritoneal fluid thromboxane B2 and 6-keto-prostaglandin F₁α in endometriosis, 401
- DRESSER, BETSY L. (see STYS ET Al.), 415
- DRUTZ, HAROLD P., DARLING, ARDELLE, and UNGER, FRED W. Carbon dioxide gas retrograde ure throcystometry versus catheter-fill gas cystometry in assessing bladder capacity, $570\,$
- DRUZIN, MAURICE L. (see SOCOL ET AL.), 708
- DUBIN, NORMAN H. (see ROSENWARS ET AL.), 592
- DUFF, PATRICK, and MAYER, ALLAN R. Abdominopelvic abscess resulting from delayed postpartum uterine rupture, 711 (Comm. in
- DUNN, L. J. (see Krebs, Petres, and Dunn), 435
- Dunn, Leo J. (see Fantl, Hurt, and Dunn), 885

- EDEN, ROBERT (see Schiffin et al.), 525
- EGEL, ROBERT T. (see CATTAMANCHI ET AL.), 831
- ELIAS, SHERMAN (see SIMPSON ET AL.), 70
- ERNSTER, VIRGINIA L., and PETRAKIS, NICHOLAS L. Effect of hormonal events in earlier life and socioeconomic status on age at menopause, 471 (Comm. in brief)
- Evans, Tommy N. Reformation, 1
- EVANS, TOMMY IN. RETORISHMENT, 1 (see AMIRIKIA, ZAREWYCH, and EVANS), 81 EVERS, J. L. H., SCHIJF, C. P. T., KENEMANS, P., and MARTIN, C. B., JR. Real-time ultrasound as an adjunct in the operative management of hydatidiform mole, 469 (Comm. in brief)

- FALK, RICHARD J., NEMIRO, JAY S., and RIFKA, SAFA M. Congenital tubal isolation: A case report, 837 (Comm. in brief)
 FALL, OLE (see ROOTH ET AL.), 693
 FANTL, J. ANDREW, HURT, W. GLENN, and DUNN, LEO J. Detrusor in-
- stability syndrome: The use of bladder retraining drills with and without anticholinergics, 885 FARBER, JAY P. (see KROUS ET AL.), 743
- FELDMANN, REINHARD (see KAULHAUSEN ET AL.), 671
- FENOGLIO, CECILIA M. (see CRUM ET AL.), 719
- FIGGE, DAVID C., and TAMIMI, HISHAM K. Patterns of recurrence of carcinoma following radical hysterectomy, 213 (see Chu, Tamimi, and Figge), 337
- FISHER, RICHARD I. (see OZOLS ET AL.), 611
- FLORA, JAIRUS D., JR. (see ANDERSEN ET AL.), 770
- FLOWERS, CHARLES E., JR. (see BECK ET Al.), 799 FOWLER, MICHAEL W. (see KROUS ET Al.), 743
- FOX, LEON PARRISH. The role of the volunteer practicing physician in medical education, 117
- FREEMAN, DONALD W. (see GAZIANO, FREEMAN, and ALLEN), 99
- FREEMAN, ROGER K., GARITE, THOMAS J., MODANLOU, HOUCHANG, DORCHESTER, WENDY, ROMMAL, CATHERINE, and DEVANEY, MELINDA. Postdate pregnancy: Utilization of contraction stress testing for primary fetal surveillance, 128

 FREINKEL, NORBERT (see PHELPS, METZGER, and FREINKEL), 730
- FRICK, HENRY C. (see CRUM ET AL.), 719
- FRIEDMAN, EMANUEL A. (see NEUTRA, GREENLAND, and FRIEDMAN), 440 FUDENBERG, H. H. (see MATHUR ET AL.), 923
- FULLER, TERRY A. (see GOLDRATH, FULLER, and SEGAL), 14 FUSI, LUCA, WALMSLEY, MARGARET, BRITTON, HUBERT G., REDSTONE, DAVID, ALEXANDER, PAULINE D., and BEARD, RICHARD W. An evaluation of the tissue pH electrode for fetal monitoring using the fetal sheep as an experimental model, 953

- GABRIEL, JUAN B., JR. (see KANCHERLA ET AL.), 347
- GAFFEY, THOMAS A. (see ROBBOY ET AL.), 579
- GALANTE, MAURICE (see HILL and GALANTE), 221
- GALASK, RUDOLPH P. (see VARNER and GALASK), 39
- GALL, STANLEY A., and MILLER, JOSEPH M., JR. Rh isoimmunization: A 24 year experience at Duke University Medical Center, 902
- GARDNER, SHERRIN, BURTON, BARBARA K., and JOHNSON, A. MYRON. Maternal serum alpha-fetoprotein screening: A report of the Forsyth County Project, 250
- GARFIELD, R. E., and HAYASHI, R. H. Appearance of gap junctions in the myometrium of women during labor, 254
- GARITE, THOMAS J. (see FREEMAN ET AL.), 128
 GASTON, LAMONT W. (see RAO, CAVANAGH, and GASTON), 914

GATLIN, MARIORIE (see SIMPSON ET AL.), 70

GAZIANO, EMANUEL P., FREEMAN, DONALD W., and ALLEN, THOMAS E. Antenatal prediction of women at increased risk for infants with low birth weight, 99

GEARY, FRANKLYN H., JR. (see Grimes, Geary, and Hatcher), 246 GEDEKOH, ROBERT H., HAYASHI, T. TERRY, and MACDONALD, HUGH M.

Eclampsia at Magee-Womens Hospital, 1970 to 1980, 860 GEHRZ, RICHARD C., CHRISTIANSON, WILLIAM R., LINNER, KRISTIN M., CONROY, MARY MARGARET, McCue, Stephen A., and Bal-FOUR, HENRY H., JR. A longitudinal analysis of lymphocyte proliferative responses to mitogens and antigens during human pregnancy, 665
Gergely, Robert C. (see Schiffin et al.), 525

GETMAN, CAROLYN E. (see SANDBERG ET AL.), 194

GHODGAONKAR, RAMESH B. (see ROSENWAKS ET AL.), 592

GIBBS, RONALD S., and BLANCO, JORGE D. Streptococcal infections in pregnancy, 405

GLASS, ALLAN R., and KLEIN, THOMAS. Changes in maternal serum total and free androgen levels in early pregnancy: Lack of correlation with fetal sex, 656

GOELLNER, JOHN R. (see ROBBOY ET AL.), 579

GOLD, WILLIAM R., JR. (see PATTERSON ET AL.), 344 GOLDRATH, MILTON H., FULLER, TERRY A., and SEGAL, SHMUEL, LASET photovaporization of endometrium for the treatment of menorrhagia, 14

GOLDSTEIN, GARY E. (see HIBBARD, SCHUMANN, and GOLDSTEIN), 227 GOOD, JAMES T., JR., ISEMAN, MICHAEL D., DAVIDSON, PAUL T., LAK-SHMINARAYAN, S., and SAHN, STEVEN A. Tuberculosis in asso-

ciation with pregnancy, 492 GOODLIN, R. C. Naloxone administration and newborn rabbit response to asphyxia, 340 (Comm. in brief)

GOODMAN, J. D. S. (see DAWES ET Al.), 535

GOODPASTURE, J. C. (see TAUBER ET AL.), 322 GREENBLATT, R. B. (see NATRAJAN ET AL.), 387

GREENFIELD, ALAN J., JR. (see BARNES ET AL.), 707

GREENLAND, SANDER (see NEUTRA, GREENLAND, and FRIEDMAN), 440

GREENSPAN, JOEL R. (see PETERSON ET AL.), 811

Greenwald, Earl (see Kennedy and Greenwald), 466 Gregg, Robert H. The praxeology of the office dilatation and curettage, 179

GRIBBLE, MARIE J., SALIT, IRVING E., ISAAC-RENTON, JUDY, and CHOW, ANTHONY W. Campylobacter infections in pregnancy, 423

GRIMES, DAVID A., GEARY, FRANKLYN H., JR., and HATCHER, ROBERT A

Rh immunoglobulin utilization after ectopic pregnancy, 246
THOMAS L., SOKOL, ROBERT J., WILSON, MARGARET V.,
KUHNERT, PAUL M., and HIRSCH, VICTOR. Amniotic fluid
phosphatidylglycerol: A potentially useful predictor of intrauterine growth retardation, 277 GRUMBACH, MELVIN M. (see Novy et al.), 552

GUENTHER, SUSAN M. (see JOHNSON ET AL.), 20

GUNTES, VILDAN (see SCHIFRIN ET AL.), 525 GUZICK, DAVID S., and ROCK, JOHN A. Estimation of a model of cumulative pregnancy following infertility therapy, 573

HAHN, PETER (see BARGEN-LOCKNER, HAHN, and WITTMANN), 412 Haines, Harold G. (see McCoy and Haines), 329 HALBERT, SHERIDAN (see McComb and HALBERT), 348

HAMMAN, J. (see NOLAN ET AL.), 531 HAMMOND, C. B. (see SUTTON ET AL.), 836

HANNINS, GARY V. (see JACOBSON ET AL.), 472 HANSON, FREDERICK W., and OVERSTREET, JAMES W. The interaction of human spermatozoa with cervical mucus in vivo, 173

HASPELS, A. A. (see CHRISTIAENS, SIXMA, and HASPELS), 793 HATAB, PAUL A. (see ROBBOY ET AL.), 579

HATCH, RICHARD, ROSENFIELD, ROBERT L., KIM, MOON H., and TREDWAY, DONALD. Hirsutism: Implications, etiology, and

management, 815 (Current developments)

HATCHER, R. (see BARGLOW ET AL.), 46

HATCHER, ROBERT A. (see GRIMES, GEARY, and HATCHER), 246

HATJIS, CHRISTOS G., HORBAR, JEFFREY D., and ANDERSON, GERALD G. The in utero diagnosis of a posterior fossa intracranial cyst (Dandy-Walker cyst), 473 (Comm. in brief)

HAYASHI, R. H. (see GARFIELD and HAYASHI), 254 HAYASHI, T. TERRY (see GEDEKOH, HAYASHI, and MACDONALD), 860 HAYSLIP, CLIFFORD C. (see BOBITT, HAYSLIP, and DAMATO), 947

HENZL, MILAN R. (see ROSENWAKS ET AL.), 592

HERRICK, C. NEIL (see WALLACE and HERRICK), 512

HERTZ, R. H. (see SOROKIN ET AL.), 456 HEWITT, JEAN (see CLAPP ET AL.), 446

HIBBARD, LESTER T., SCHUMANN, WILLIAM R., and GOLDSTEIN, GARY E. Thoracic endometriosis: A review and report of two cases, 997

HIGDON, JANE V. (see SANDBERG ET AL.), 194
HILL, EDWARD C., and GALANTE, MAURICE. Radical surgery in the management of clear cell adenocarcinoma of the cervix and vagina in young women, 221

HIRATA, TOSHIKO (see PEACOCK and HIRATA), 165 HIRSCH, VICTOR (see GROSS ET AL.), 277

HOFFMAN, SHANE (see ROSENWAKS ET AL.), 592

HOPKINS, TIMOTHY B. (see DEPREZ, HUNTER, and HOPKINS), 709 HORBAR, JEFFREY D. (see HATJIS, HORBAR, and ANDERSON), 473

HOSOKAWA, TSUTOMU (see ITO ET AL.), 781

HOUCK, J. C. (see KIMBALL ET AL.), 157 HUANG, S. M. (see KIMBALL ET AL.), 157 HUCH, ALBERT (see ROOTH ET AL.), 693

HUCH, RENATE (see ROOTH ET AL.), 693

HUNTER, RICHARD E. (see DEPREZ, HUNTER, and HOPKINS), 709

HURT, W. GLENN (see FANTL, HURT, and DUNN), 885

INDYK, LEONARD (see WILLCOURT ET AL.), 760

INGRAM, JAMES M. The bicycle seat stool in the treatment of vaginal agenesis and stenosis: A preliminary report, 867

IOSIF, SERAFIM, and ULMSTEN, ULF. Comparative urodynamic studies of continent and stress incontinent women in pregnancy and in the puerperium, 645

ISAAC-RENTON, JUDY (see GRIBBLE ET AL.), 423

ISEMAN, MICHAEL D. (see GOOD ET AL.), 492 ISMAIL, MAHMOUD (see ANDERSON ET AL.), 499

ITO, HARUHIDE, SEKINE, TATSUMASA, KOMURO, NOBUYOSHI, TANAKA, TADAO, YOKOYAMA, SHIROH, and HOSOKAWA, TSUTOMU, Histologic stromal reaction of the host with gestational choriocarcinoma and its relation to clinical stage classification and prognosis, 781

JACOBS, ALLAN J. (see DEPPE ET AL.), 313

ACOBS, JANE (see SCHIFRIN ET AL.), 525

JACOBSON, JAMES M., HANKINS, GARV V., MURRAY, JAMES M., and YOUNG, ROBERT L. Self-limited hyperthyroidism following in-travaginal iodine administration, 472 (Comm. in brief)

JAFFE, ROBERT B. (see NACHTIGALL ET AL.), 303 AMES, L. STANLEY (see MORISHIMA ET AL.), 775

JÄNNE, OLLI (see KAUPPILA ET AL.), 787

JARABAK, JOSEPH (see TALERMAN, JARABAK, and AMAROSE), 475

JENNETT, RAYMOND J., WARFORD, HARRY S., KREINICK, CAROL, and WATERKOTTE, GLENN W. Apgar index: A statistical tool, 206 JENSON, A. BENNETT (see KURMAN ET AL.), 931

JILEK, JIRI (see ARTAL ET AL.), 123

JOHNSON, A. MYRON (see GARDNER, BURTON, and JOHNSON), 250

JOHNSON, CAGE S. (see Sacks, Platt, and JOHNSON), 942 JOHNSON, JOHN W. C., Jr. (see Ness et al.), 661 JOHNSON, SUSAN R., GUENTHER, SUSAN M., LAUBE, DOUGLAS W., and KEETTEL, WILLIAM C. Factors influencing lesbian gynecologic care: A preliminary study, 20

JOHNSON, TIMOTHY R. B., JR. (see Andersen et al.), 770 JONES, GEORGEANNA SEEGAR (see ROSENWAKS ET Al.), 592

KAISER, DAVID G. (see ANDERSON, ROTCHELL, and KAISER), 699

KAMMULA, RAO K. (see ARTAL ET AL.), 123 KANAREK, DAVID J. (see BARNES ET AL.), 707

KANCHERLA, PUSHPA L., UNTAWALE, VASU G., GABRIEL, JUAN B., JR., and Chauhan, Prem M. Intrauterine amputation in one monozygotic twin associated with amniotic band: A case report, 347 (Comm. in brief) KAPLAN, SELNA L. (see NOVY ET AL.), 552

KARP, L. E. (see STENCHEVER ET AL.), 186

KATZ, MICHAEL, and CREASY, ROBERT K. Uterine blood flow distribution after indomethacin infusion in the pregnant rabbit, 430 KATZMAN, GERALD H. (see WILLIAMS, KATZMAN, and KRIPKE), 345

KAUFMAN, RAYMOND H. (see ROBBOY ET AL.), 579

KAULHAUSEN, HELMUT, ÖNEY, TAYLAN, FELDMANN, REINHARD, and LEYENDECKER, GERHARD. Decrease of vascular angiotensin sensitivity by L-dopa during human pregnancy, 671

KAUPPILA, ANTTI, JÄNNE, OLLI, KIVINEN, SEPPO, KOKKO, EELIS, LANTTO, TUOMO, TUIMALA, RISTO, and VIHKO, REIJO. Postmenopausal hormone replacement therapy with estrogen

periodically supplemented with antiestrogen, 787
KEETTEL, WILLIAM C. (see Johnson et al.), 20
KEMMANN, EKKEHARD (see KIM ET AL.), 807

KENEMANS, P. (see Evers et al.), 469 KENNEDY, JANET L., and Greenwald, Earl. Correlation of shoe size and obstetric outcome: An anthropometric study, 466

Kim, Hugh C., Kemmann, Ekkehard, Shelden, Robert M., and Saidi, Parvin. Response of blood coagulation parameters to elevated endogenous 17β -estradiol levels induced by human

menopausal gonadotropins, 807 Kim, Moon H. (see Hatch et al.), 815 Kimball, C. D., Chang, C. M., Huang, S. M., and Houck, J. C. Immunoreactive endorphin peptides and prolactin in umbilical vein and maternal blood. 157

KING, JEFFREY C. (see WILLCOURT ET AL.), 760

KIRSCHBAUM, THOMAS H. (see NEMIROFF, WILLSON, and KIRSCHBAUM),

KITSON, GEOFFREY E., and PIPKIN, FIONA BROUGHTON. Effects and interactions of prostaglandins E1 and E2 on human chorionic plate arteries, 683

KIVINEN, SEPPO (see KAUPPILA ET AL.), 787 KLEIN, THOMAS (see GLASS and KLEIN), 656

KLEINMAN, LEONARD I. (see MILLICOVSKY ET AL.), 747

KLOPPEL, A. (see TAUBER ET AL.), 322

KNICKERBOCKER, C. (see NOLAN ET AL.), 531

KOHZU, HIROMU (see ARIYAMA, KOHZU, and MATSUOKA), 505 KOJIMA, SHIGERU, YANAIHARA, TAKUMI, and NAKAYAMA, TETSUYA. Serum steroid levels in children at birth and in early neonatal period, 961

KOKKO, EELIS (see KAUPPILA ET AL.), 787

KOMURO, NOBUYOSHI (see ITO ET AL.), 781 KREBS, H. B., PETRES, R. E., and DUNN, L. J. Intrapartum fetal heart rate monitoring. V. Fetal heart rate patterns in the second stage of labor, 435

Kreinick, Carol (see Jennett et al.), 206 Kreutner, A. Karen, Del Bene, Victor E., and Amstey, Marvin S. Giardiasis in pregnancy, 895 Kripke, Sidney S. (see Williams, Katzman, and Kripke), 345

KROUS, HENRY F., CAMPBELL, GREGORY A., FOWLER, MICHAEL W., CATRON, ANDREW C., and FARBER, JAY P. Maternal nicotine administration and fetal brain stem damage: A rat model with implications for sudden infant death syndrome, 743

KUHNERT, PAUL M. (see GROSS ET AL.), 277

KURMAN, ROBERT J., SHAH, KISHOR H., LANCASTER, WAYNE D., and JENSON, A. BENNETT. Immunoperoxidase localization of papillomavirus antigens in cervical dysplasia and vulvar condylomas, 931

LABARTHE, DARWIN (see ROBBOY ET AL.), 579 LAKSHMINARAYAN, S. (see GOOD ET AL.), 492

LANCASTER, WAYNE D. (see KURMAN ET AL.), 931

LANGE, I. (see MANNING ET AL.), 289 Lange, Ian R., and Manning, Frank A. Antenatal diagnosis of con-genital pleural effusions, 839 (Comm. in brief)

LANTTO, TUOMO (see KAUPPILA ET Al.), 787 LARROW, RODNEY (see CLAPP ET Al.), 446

LAUBE, DOUGLAS W. (see JOHNSON ET Al.), 20

LAYDE, PETER M. (see PETERSON ET AL.), 811
LEE, RAYMOND A., and DAHLIN, DAVID C. Paget's disease of the vulva with extension into the urethra, bladder, and ureters: A case report, 834 (Comm. in brief)

(see Symmonds et al.), 852

LENKE, ROGER (See PLATT, LENKE, and SIPOS), 758

LENKE, ROGER R., and VAN DORSTEN, J. PETER. The efficacy of the nitrite test and microscopic urinalysis in predicting urine culture results, 427

LEONARD, J. (see STENCHEVER ET AL.), 186 LEVINE, D. H. (see DAWES ET AL.), 535

ИΙ

Levison, H. (see Corkey et al.), 737 Levy, Donald L. Placental abscess as a cause of fever of unknown origin, 338 (Comm. in brief)

LEWIS, DANNY H. (see BECK ET AL.), 799

LEY, B. (see STENCHEVER ET AL.), 186

LEYENDECKER, GERHARD (see KAULHAUSEN ET AL.), 671

LIN. CHIN-CHIL DEVOE. LAWRENCE D., RIVER, PHILIP, and MOAWAD. ATEF H. Oxytocin challenge test and intrauterine growth re-

tardation, 282 Linner, Kristin M. (see Gehrz et al.), 665 Lipshitz, Jeffrey (see Sawyer et al.), 710

LIVENGOOD, C. H., III (see SUTTON ET AL.), 836

LOPEZ, GUSTAVO ZOMORA (see BECK ET AL.), 799

LOUWSMA, G. (see NOLAN ET AL.), 531 LUDWIG, H. (see TAUBER ET AL.), 322

LUFF, RONALD D. (see NESS ET AL.), 661

Lyon, James B. (see Richardson and Lyon), 909

M

McComb, Peter F., and Halbert, Sheridan. Ovum recovery and transfer at the time of reconstructive tubal surgery: The rabbit model, 348 (Comm. in brief)
McCormick, Paula D., Razel, Anthony J., Spelsberg, Thomas C.,

and COULAM, CAROLYN B. Evidence for an androgen receptor in the human placenta, 8

McCoy, J. Philip, Jr., and Haines, Harold G. The antigenicity and immunology of human cervical squamous cell carcinoma: A review, 329 (Current developments)

McCue, Stephen A. (see Gehrz et al.), 665

McCullough, David C. (see Patterson et al.), 344

MACDONALD, HUGH M. (see GEDEKOH, HAYASHI, and MACDONALD), 860 McDonough, Paul G. (see Reindollar, Byrd, and McDonough), 371 McDonough, Stephen L. (see Neifert, McDonough, and Neville),

McGorray, Susan P. (see Robboy et al.), 579

MACKENNA, J. (see DOMBROSKI, MACKENNA, and BRAME), 461

MAGRINA, J. F., and MASTERSON, B. J. Loxosceles reclusa spider bite: A consideration in the differential diagnosis of chronic, nonmalignant ulcers of the vulva, 341 (Comm. in brief)
MAHESH, V. B. (see NATRAJAN ET AL.), 387

MAKUCH, ROBERT (see Ozols et al.), 611

MANABE, ATSUKO (see MANABE and MANABE), 465

MANABE, YUKIO, and MANABE, ATSUKO. Nelaton catheter for gradual and safe cervical dilacation: An ideal substitute for laminaria, 465 (Comm. in brief)

MANN, LEON I. (see CLAPP ET AL.), 446

Mann, Rosemary J. San Francisco General Hospital nurse-midwifery practice: The first thousand births, 676

MANNING, F. A., BASKETT, T. F., MORRISON, I., and LANGE, I. Fetal biophysical profile scoring: A prospective study in 1,184 high-risk patients, 289

Manning, Frank A. (see Lange and Manning), 839

(see SOCOL ET AL.), 708

MARTIN, ALICE O. (see SIMPSON ET AL.), 70 MARTIN, C. B., JR. (see EVERS ET AL.), 469

MARTIN, CHESTER B., JR. (see Socol et al.), 708 MARTIN, PURVIS L. (see BURNIER et al.), 146

MASLAR, ILA A. (see DALY ET AL.), 587

MASTERSON, B. J. (see Magrina and Masterson), 341
Mathur, S., Williamson, H. O., Baker, E. R., and Fudenberg, H. H. Immunoglobulin E levels and antisperm antibody titers in infertile couples, 923

MATSUOKA, MATSUO (see AKIYAMA, KOHZU, and MATSUOKA), 505

MAYER, ALLAN R. (see Duff and Mayer), 711

MEISSNER, HELEN I. (see Stetten and MEISSNER), 719
MENNUTI, MICHAEL T. (see Schneider, Mennuti, and Zackai), 367

Menon, K. M. J. (see Musich, Behrman, and Menon), 62

METZ, STEPHEN A. (see DRAKE ET AL.), 401

METZGER, BOYD E. (see PHELPS, METZGER, and FREINKEL), 730

MILLER, JOSEPH M., JR. (see GALL and MILLER), 902

MILLICOVSKY, GUILLERMO, DESESSO, JOHN M., KLEINMAN, LEONARD I., and Clark, Kenneth E. Effects of hydroxyurea on hemodynamics of pregnant rabbits: A maternally mediated mechanism of embryotoxicity, 747

MIYAZAKI, BRIAN A. (see MIYAZAKI and MIYAZAKI), 269 MIYAZAKI, FRED S., and MIYAZAKI, BRIAN A. False reactive nonstress tests in postterm pregnancies, 269

MOAWAD, ATEF H. (see LIN ET AL.), 282

MODANLOU, HOUCHANG (see FREEMAN ET AL.), 128

MONROE, SCOTT E. (see NACHTIGALL ET AL.), 303

MORISHIMA, HISAYO O., COVINO, BENJAMIN G., YEH, MING-NENG, STARK, RAYMOND I., and JAMES, L. STANLEV. Bradycardia in the fetal baboon following paracervical block anesthesia, 775 MORRIS, MERRI B., and WEINSTEIN, LOUIS. Caffeine and the fetus: 18

trouble brewing? 607 (Clinical opinion)

Morrison, I. (see Manning et al.), 289

MORRISON, JOHN C. (see RUBINSKY ET AL.), 833
MORTEL, RODRIGUE (see SATYASWAROOP and MORTEL), 620

MULDOON, T. G. (see NATRAJAN ET AL.), 387 MURATA, YUJI (see SOCOL ET AL.), 708

MURGALO, JOSEPH A. (see SERAFINI ET AL.), 715

MURRAY, JAMES M. (see JACOBSON ET AL.), 472 MUSICH, JOHN R., BEHRMAN, S. JAN, and MENON, K. M. J. Estrogenic and antiestrogenic effects of danazol administration in studies of estradiol receptor binding, 62

NACHTIGALL, ROBERT D., MONROE, SCOTT E., WILSON, CHARLES B., and JAFFE, ROBERT B. Prolactin-secreting pituitary adenomas in women. VI. Absence of demonstrable adenomas in patients with altered menstrual function and abnormal

polytomography, 303 Nakamura, Robert (see Artal et al.), 123 Nakayama, Tetsuya (see Kojima, Yanaihara, and Nakayama), 961 NATALE, R., CLEWLOW, F., and DAWES, G. S. Measurement of fetal forelimb movements in the lamb in utero, 545

NATRAJAN, P. K., MULDOON, T. G., GREENBLATT, R. B., and MAHESH, V. B. Estradiol and progesterone receptors in estrogen-primed endometrium, 387

NEHEMIAH, JEROME L., SCHNITZER, JAMES A., SCHULMAN, HAROLD, and NOVIKOFF, ALEX B. Human chorionic trophoblasts, decidual cells, and macrophages: A histochemical and electron mi-

croscopic study, 261
NEIFERT, MARIANNE R., McDonough, Stephen L., and Neville,
Margaret C. Failure of lactogenesis associated with placental retention, 477 (Comm. in brief)

NEMIRO, JAY S. (see FALK, NEMIRO, and RIFKA), 837

NEMIROFF, MARTIN J., WILLSON, J. ROBERT, and KIRSCHBAUM, THOMAS H. Multiple hyperbaric exposures during pregnancy in sheep,

NESS, PAUL M., ROSCHE, MARY ELLEN, BARRASSO, CHRISTINE, LUFF, RONALD D., and JOHNSON, JOHN W. C., JR. The efficacy of type and screen to reduce unnecessary cross matches for obstetric patients, 661

NEUTRA, RAYMOND R., GREENLAND, SANDER, and FRIEDMAN, EMANUEL A. The relationship between electronic fetal monitoring and Apgar score, 440

NEVILLE, MARGARET C. (see NEIFERT, McDonough, and Neville), 477 NEWHALL, JOSEPH F., JR. Scuba diving during pregnancy: A brief review. 893

NEWTH, C. J. L. (see CORKEY ET AL.), 737 NIELSEN, HEBER C. (see TAEUSCH ET Al.), 452 NISULA, BRUCE C. (see WEHMANN ET AL.), 753

NOLAN, G. H., SCHMICKEL, R. D., CHANTARATHERAKITTI, P., KNICKER-BOCKER, C., HAMMAN, J., and LOUWSMA, G. The effect of ul-trasonography on midtrimester genetic amniocentesis complications, 531

NOLLER, KENNETH L. (see ROBBOY ET Al.), 579 NOVIKOFF, ALEX B. (see NEHEMIAH ET AL.), 261

Novy, Miles J., Aubert, Michel L., Kaplan, Selna L., and Grum-bach, Melvin M. Regulation of placental growth and cho-rionic somatomammotropin in the rhesus monkey: Effects of protein deprivation, fetal anencephaly, and placental vessel ligation, 552

O'BRIEN, WILLIAM F. (see DRAKE ET AL.), 401 OGBURN, PAUL, JR. (see DEINARD and OGBURN), 240 OHLSON, VIRGINIA M. (see BARKAUSKAS ET AL.), 393 ÖNEY, TAYLAN (see KAULHAUSEN ET AL.), 671 ORY, HOWARD W. (see PETERSON ET AL.), 811 O'SHAUGHNESSY, RICHARD W. (see RAYBURN ET AL.), 489 OSTERGARD, DONALD R. (see BHATIA and OSTERGARD), 936 OTTE, THOMAS E. (see STYS ET AL.), 415 Overstreet, James W. (see Hanson and Overstreet), 173 Ozols, Robert F., Fisher, Richard I., Anderson, Tom, Makuch, Robert, and Young, Robert C. Peritoneoscopy in the management of ovarian cancer, 611

PARKER, ROY T. Requisite adaptations in obstetrics and gynecology for the 1980s, 847

PARMLEY, T. (see STERN ET AL.), 309

PATEL, VINOD (see CATTAMANCHI ET Al.), 831

PATTERSON, JAMES A., GOLD, WILLIAM R., JR., SANZ, LUIS E., and McCullough, David C. Antenatal evaluation of fetal hydrocephalus with computed tomography, 344 (Comm. in brief

PAULSON, GEORGE W., and DEVOE, KEITH, JR. Neurological complications of laparoscopy, 468 (Comm. in brief)

PEACOCK, W. GORDON, and HIRATA, TOSHIKO. Outcome in low-birthweight infants (750 to 1,500 grams): A report on 164 cases managed at Children's Hospital, San Francisco, California,

PETERSON, HERBERT B., GREENSPAN, JOEL R., DESTEFANO, FRANK, ORY, HOWARD W., and LAYDE, PETER M. The impact of laparoscopy on tubal sterilization in United States hospitals, 1970 and 1975 to 1978, 811

PETRAKIS, NICHOLAS L. (see ERNSTER and PETRAKIS), 471 PETRES, R. E. (see KREBS, PETRES, and DUNN), 435

PETRIE, ROY H. (see STALLWORTH, YEH, and PETRIE), 702

PHELPS, R. (see BARGLOW ET AL.), 46

PHELPS, RICHARD L., METZGER, BOYD E., and FREINKEL, NORBERT. Car-bohydrate metabolism in pregnancy. XVII. Diurnal profiles of plasma glucose, insulin, free fatty acids, triglycerides, cholesterol, and individual amino acids in late normal pregnancy, 730

PILLAY, S. (see SOROKIN ET AL.), 456 PINE, LEO (see CURTIS and PINE), 880

PIPKIN, FIONA BROUGHTON (see KITSON and PIPKIN), 683

PLATT, LAWRENCE D., LENKE, ROGER, and SIPOS, LOUISE. Amniocentesis in the second trimester: The effect on fetal movement, 758 (see ARTAL ET AL.), 123

- (see Sacks, Platt, and Johnson), 942

POWELL, L. C., JR. Retropubic urethrocystopexy: Vaginal approach, 91 PRAT, JAIME (see ROBBOY ET AL.), 579

QUEENAN, JOHN T. (see WILLCOURT ET AL.), 760

RAMOS, RAMON AZNAR (see BECK ET AL.), 799 RAMWELL, PETER W. (see DRAKE ET AL.), 401

RANNEY, BROOKS. Enterocele, vaginal prolapse, pelvic hernia: Recognition and treatment, 53

RAO, PAPINENI S., CAVANAGH, DENIS, and GASTON, LAMONT W. Endotoxic shock in the primate: Effects of aspirin and di-pyridamole administration, 914

RATHI, MANOHAR (see CATTAMANCHI ET AL.), 831

RAYBURN, WILLIAM F., ANDERSON, CRAIG W., O'SHAUGHNESSY, RICHARD W., and RUCKMAN, WILLIAM P. Predictability of the distressed term infant, 489 (Clinical opinion)

RAZEL, ANTHONY J. (see McCormick et al.), 8

REDSTONE, DAVID (see Fusi et al.), 953 REINDOLLAR, RICHARD H., BYRD, J. ROGERS, and McDonough, Paul G. Delayed sexual development: A study of 252 patients, 371

RESNIK, ROBERT. The endocrine regulation of uterine blood flow in the nonpregnant uterus: A review, 151

RICH, WILLIAM M. (see DI SAIA and RICH), 136 RICHARD, RALPH M. (see ROBBOY ET AL.), 579

RICHARDSON, A. CULLEN, and LYON, JAMES B. The effect of condom use on squamous cell cervical intraepithelial neoplasia, 909

RICHART, RALPH M. (see CRUM ET AL.), 719 RIDDICK, DANIEL H. (see DALY ET AL.), 587

RIFFLE, NANCY L. (see SANDBERG ET AL.), 194 RIFKA, SAFA M. (see FALK, NEMIRO, and RIFKA), 837

RIVER, PHILIP (see LIN ET AL.), 282

ROBBOY, STANLEY J., SZYFELBEIN, WANDA M., GOELLNER, JOHN R., KAUFMAN, RAYMOND H., TAFT, PRISCILLA D., RICHARD, RALPH M., Gaffey, Thomas A., Prat, Jaime, Virata, Rodelino, Hatab, Paul A., McGorray, Susan P., Noller, Kenneth L., TOWNSEND, DUANE, LABARTHE, DARWIN, and BARNES, ANN B. Dysplasia and cytologic findings in 4,589 young women en-rolled in Diethylstilbestrol-Adenosis (DESAD) Project, 579

ROCK, JOHN A. (see Guzick and Rock), 573 ROLL, KAY (see Schifrin et al.), 525

ROMMAL, CATHERINE (see FREEMAN ET AL.), 128 ROOTH, GÖSTA, FALL, OLE, HUCH, ALBERT, and HUCH, RENATE. Distribution of observed patterns in fetal transcutaneous oxygen tension, 693

ROSCHE, MARY ELLEN (see NESS ET AL.), 661

ROSEN, M. G. (see SOROKIN ET AL.), 456

ROSEN, MORTIMER G. (see BOTTOMS, SOKOL, and ROSEN), 108

ROSENBERG, SANFORD M. (see DALY ET AL.), 587

ROSENFIELD, ROBERT L. (see HATCH ET AL.), 815

ROSENSHEIN, N. B. (see STERN ET AL.), 309

ROSENWAKS, ZEV, JONES, GEORGEANNA SEEGAR, HENZL, MILAN R., DU-BIN, NORMAN H., GHODGAONKAR, RAMESH B., and HOFFMAN, SHANE. Naproxen sodium, aspirin, and plácebo in primary dysmenorrhea, 592

ROTCHELL, YVONNE (see ANDERSON, ROTCHELL, and KAISER), 699 RUBINSKY, ERNESTO D., WILEY, THOMAS L., MORRISON, JOHN C., and BLAKE, PAMELA G. In utero diagnosis of umbilical cord hema-

toma by ultrasonography, 833 (Comm. in brief) RUCKMAN, WILLIAM P. (see RAYBURN ET AL.), 489

SACKS, DAVID A., PLATT, LAWRENCE D., and JOHNSON, CAGE S. Autoimmune hemolytic disease during pregnancy, 942

SAHN, STEVEN A. (see GOOD ET AL.), 492 SAIDI, PARVIN (see KIM ET AL.), 807

SARSELA, EERO (see SAVOLAINEN, SAKSELA, and SAXÉN), 521

SALAZAR, G. H. (see ABRAMS and SALAZAR), 346

SALIT, IRVING E. (see GRIBBLE ET AL.), 423

SAMPSON, MILO B., THOMASON, JESSICA L., and WORK, B. A., JR. Rapid nonstress test evaluation, 467
SANDBERG, EUGENE C., RIFFLE, NANCY L., HIGDON, JANE V., and GET-

MAN, CAROLYN E. Pregnancy outcome in women exposed to diethylstilbestrol in utero, 194

SANZ, LUIS.E. (see PATTERSON ET AL.), 344

Satyaswaroop, P. G., and Mortel, Rodrigue. Endometrial carcinoma: An aberration of endometrial cell differentiation, 620

SAVOLAINEN, EEVARIITTA, SAKSELA, EERO, and SAXÉN, LAURI. Terato-genic hazards of oral contraceptives analyzed in a national nalformation register, 521

Sawyer, Madlene M., Lipshitz, Jeffrey, Anderson, Garland D., and Dilts, Preston V., Jr. Third-trimester uterine rupture asso-

ciated with vaginal prostaglandin E₂, 710 (Comm. in brief)
Saxén, Lauri (see Savolainen, Saksela, and Saxén), 521
Schiffein, Barry S., Guntes, Vildan, Gergely, Robert C., Eden, ROBERT, ROLL, KAY, and JACOBS, JANE. The role of real-time scanning in antenatal fetal surveillance, 525

SCHUF, C. P. T. (see EVERS ET AL.), 469

SCHMICKEL, R. D. (see NOLAN ET AL.), 531

SCHNEIDER, ADELE S., MENNUTI, MICHAEL T., and ZACKAI, ELAINE H. High cesarean section rate in trisony 18 births: A potential indication for late prenatal diagnosis, 367 (Clinical opinion)

SCHNITZER, JAMES A. (see NEHEMIAH ET AL.), 261
SCHULMAN, HAROLD (see NEHEMIAH ET AL.), 261
SCHUMANN, WILLIAM R. (see HIBBARD, SCHUMANN, and GOLDSTEIN),

SEEDS, JOHN W. (see CLARK, SEEDS, and CEFALO), 840

SEGAL, SHMUEL (see GOLDRATH, FULLER, and SEGAL), 14

SEKINE, TATSUMASA (see ITO ET AL.), 781 Serafini, Paulo C., Amisial, Pierre A., Murgalo, Joseph A., and Skipton, Rov. Unusual fetal heart rate pattern associated with severe neonatal asphyxia and death, 715 (Comm. in brief)

SHAH, KISHOR H. (see KURMAN ET AL.), 931

SHELDEN, ROBERT M. (see Kim et al.), 807 SHERIDAN, P. J. (see WEAKER and SHERIDAN), 624

SHY, K. (see STENCHEVER ET AL.), 186

SIMPSON, JOE LEIGH, ELIAS, SHERMAN, GATLIN, MARJORIE, and MARTIN, ALICE O. Genetic counseling and genetic services in obstetrics and gynecology: Implications for educational goals and clinical practice, 70 Singh, Krishna B. Menstrual disorders in college students, 299

SINGH, RAMA S. (see CATTAMANCHI ET AL.), 831 SIPOS, LOUISE (see PLATT, LENKE, and SIPOS), 758

SIXMA, J. J. (see CHRISTIAENS, SIXMA, and HASPELS), 793

SIAMA, J. J. (SEC CHRISTIAENS, SIAMA, and FIASPELS), 195
SKIPTON, ROY (SEC SEAFINI ET AL.), 186
SOCOL, MICHAEL L., DRUZIN, MAURICE L., MURATA, YUJI, STRASSNER,
HOWARD T., WHITTLE, MARTIN J., MANNING, FRANK A., and
MARTIN, CHESTER B., JR. Effect of corticosteroids on the
lecithin/sphingomyelin ratio in the rhesus monkey, 708 (Comm. in brief)

SOKOL, ROBERT J. (see BOTTOMS, SOKOL, and ROSEN), 108

— (see GROSS ET AL.), 277

SOROKIN, Y., PILLAY, S., DIERKER, L. J., HERTZ, R. H., and ROSEN, M. G. A comparison between maternal, tocodynamometric, and real-time ultrasonographic assessments of fetal movement, SPELLACY, WILLIAM N. (see ZAWANEH ET AL.), 381

SPELSBERG, THOMAS C. (see McCormick et al.), 8

SPERLING, MARK (see ARTAL ET AL.), 123

STALLWORTH, JOHN C., YEH, SZE-YA, and PETRIE, ROY H. The effect of magnesium sulfate on fetal heart rate variability and uterine activity, 702

STAMPE SØRENSEN, S. Minor müllerian anomalies and oligomenorrhea in infertile women, 636

STARK, RAYMOND I. (see MORISHIMA ET AL.), 775

STATEN, ELISE (see STEDMAN ET AL.), 34
STEDMAN, CHARLES M., CRAWFORD, SCOTT, STATEN, ELISE, and
CHERNY, WALTER B. Management of preterm premature rupture of membranes: Assessing ammiotic fluid in the vagina for phosphatidylglycerol, 34

STENCHEVER, M. A., WILLIAMSON, R. A., LEONARD, J., KARP, L. E., LEY, B., Shy, K., and Smith, D. Possible relationship between in

utero diethylstilbestrol exposure and male fertility, 186
STERN, J., BUSCEMA, J., PARMLEY, T., WOODRUFF, J. D., and ROSENSHEIN, N. B. Atypical epithelial proliferations in the fallopian tube, 309

STERN, JEFFREY L. (see BUSCEMA, STERN, and WOODRUFF), 563
STETTEN, GAIL, and MEISSNER, HELEN I. Unusual and rapid amniotic fluid cell growth, 719 (Comm. in brief)

STRASSNER, HOWARD T. (see SOCOL ET AL.), 708
STRICKLER, RONALD C., WIEST, WALTER G., BORTH, RUDI, and
WOOLEVER, C. ALLAN. Daily and circadian variations in serum free testosterone levels are not clinically significant, 317

STYS, STANLEY J., DRESSER, BETSY L., OTTE, THOMAS E., and CLARK, Kenneth E. Effect of prostaglandin E2 on cervical compliance in pregnant ewes, 415

SUNLEY, ROBERT (see ZUSSMAN ET AL.), 725

SUTTON, G. P., ADDISON, W. A., LIVENGOOD, C. H., III, and HAMMOND, C. B. Life-threatening hemorrhage complicating sacral colpopexy, 836 (Comm. in brief)

popexy, 550 (Collini, III DIE!)
SY, Lydia (see Yuen, Sy, and Cannon), 629
Symmonds, Richard E., Williams, Tiffany J., Lee, Raymond A., and Webb, Maurice J. Posthysterectomy enterocele and vaginal vault prolapse, 852

SYMONDS, E. M. (see COOKE, CRAVEN, and SYMONDS), 689 SZETO, HAZEL H. (see CLAPP ET AL.), 446

SZYFELBEIN, WANDA M. (see ROBBOY ET AL.), 579

TAEUSCH, H. WILLIAM, JR., BROWN, ELIZABETH, TORDAY, JOHN S., and NIELSEN, HEBER C. Magnitude and duration of lung response to dexamethasone in fetal sheep, 452

TAFT, PRISCILLA D. (see ROBBOY ET AL.), 579

TALERMAN, ALEKSANDER, JARABAK, JOSEPH, and AMAROSE, ANTHONY P. Gonadoblastoma and dysgerminoma in a true hermaphrodite with a 46,XX karyotype, 475 (Comm. in brief)

TAMASKAR, VASUNDHARA (see CATTAMANCHI ET AL.), 831 TAMIMI, HISHAM K. (see CHU, TAMIMI, and FIGGE), 337

(see FIGGE and TAMIMI), 213

TANAKA, TADAO (see ITO ET AL.), 781

Tauber, P. F., Kloppel, A., Goodpasture, J. C., Burns, J., Ludwig, H., and Zaneveld, L. J. D. Reduced menstrual blood loss by release of an antifibrinolytic agent from intrauterine contraceptive devices, 322

THOMASON, JESSICA L. (see SAMPSON, THOMASON, and WORK), 467

TOHAN, NARENDRA (see DALY ET AL.), 587 TORDAY, JOHN S. (see TAEUSCH ET AL.), 452 TOWNSEND, DUANE (see ROBBOY ET AL.), 579 TREDWAY, DONALD (see HATCH ET AL.), 815

TUIMALA, RISTO (see KAUPPILA ET AL.), 787

ULMSTEN, ULF (see IOSIF and ULMSTEN), 645 UNGER, FRED W. (see DRUTZ, DARLING, and UNGER), 570 UNTAWALE, VASU G. (see KANCHERLA ET AL.), 347

VAN DORSTEN, J. PETER (see LENKE and VAN DORSTEN), 427 VAN THIEL, DAVID H., and WALD, ARNOLD. Evidence refuting a role for increased abdominal pressure in the pathogenesis of the

heartburn associated with pregnancy, 420 VARNER, MICHAEL W., and GALASK, RUDOLPH P. Conservative management of premature rupture of the membranes, 39

VIHKO, REIJO (see KAUPPILA ET AL.), 787

VIRATA, RODELINO (see ROBBOY ET AL.), 579 VISSER, G. H. A. (see Dawes et al.), 535

WALD, ARNOLD (see Van Thiel and Wald), 420 WALLACE, ROGER L., and HERRICK, C. NEIL. Pulmonary maturity studies in the evaluation of premature labor, 512 WALMSLEY, MARGARET (see Fusi et al.), 953

Warford, Harry S. (see Jennett et al.), 206 Waterkotte, Glenn W. (see Jennett et al.), 206

WEAKER, FRANK J., and SHERIDAN, P. J. Androgen uptake in the female

reproductive system of a nonhuman primate, 624 Webb, Maurice J. (see Symmonds et al.), 852 Wehmann, Robert E., Ayala, Aquiles R., Birken, Steven, Canfield, ROBERT E., and NISULA, BRUCE C. Improved monitoring of gestational trophoblastic neoplasia using a highly sensitive assay for urinary human chorionic gonadotropin, 753
Weinstein, Louis (see Morris and Weinstein), 607

WHITTLE, MARTIN J. (see SOCOL ET AL.), 708 WIBLE, JOANN (see CRUM ET AL.), 719

WIEST, WALTER G. (see STRICKLER ET AL.), 317

WILEY, THOMAS L. (see RUBINSKY ET AL.), 833 WILLCOURT, ROBIN J., KING, JEFFREY C., INDYK, LEONARD, and QUEENAN, JOHN T. The relationship of fetal heart rate pat-terns to the fetal transcutaneous Po₂, 760

WILLIAMS, JOHN, KATZMAN, GERALD H., and KRIPKE, SIDNEY S. Neck compression by nuchal cord, 345 (Comm. in brief)

WILLIAMS, TIFFANY J. (see SYMMONDS ET AL.), 852 WILLIAMSON, H. O. (see MATHUR ET AL.), 923 WILLIAMSON, R. A. (see STENCHEVER ET AL.), 186

WILLIAMSON, SUSAN (see CRUM ET AL.), 719

WILLSON, J. ROBERT (see NEMIROFF, WILLSON, and KIRSCHBAUM), 651 WILSON, CHARLES B. (see NACHTIGALL ET AL.), 303 WILSON, MARGARET V. (see GROSS ET AL.), 277

WITTMANN, BERND (see BARGEN-LOCKNER, HAHN, and WITTMANN), 412

WOLSTON, J. (see EARGLOW ET AL.), 46
WOOD, ELLEN G., and DILLON, HUGH C., JR. A prospective study of group B streptococcal bacteriuria in pregnancy, 515

Woodruff, J. D. (see Stern et al.), 309 Woodruff, J. Donald (see Buscema, Stern, and Woodruff), 563

WOOLEVER, C. ALLAN (see STRICKLER ET AL.), 317 WCORK, B. A., JR. (see Sampson, Thomason, and Work), 467

YANAIHARA, TAKUMI (see KOJIMA, YANAIHARA, and NAKAYAMA), 961 YEH, MING-NENG (see MORISHIMA ET AL.), 775 YEH, SZE-YA (see STALLWORTH, YEH, and PETRIE), 702 YEN, SAMUEL S. C. (see BURNIER ET AL.), 146 YOKOYAMA, SHIROH (see ITO ET AL.), 781 YOUNG, ROBERT C. (see Ozols ET Al.), 611 YOUNG, ROBERT L. (see JACOBSON ET AL.), 472 YRAPSIS, NICHOLAS S. (see CATTAMANCHI ET AL.), 831

YUEN, BASIL HO, SY, LYDIA, and CANNON, WENDY. Regulation of ovar-ian follicular and luteal function during treatment with exog-enous gondotropins in anovulatory infertility, 629

ZACKAI, ELAINE H. (see Schneider, Mennuti, and ZACKAI), 367 ZANEVELD, L. J. D. (see TAUBER ET AL.), 322
ZAREWYCH, BOHDAN (see AMRIKIA, ZAREWYCH, and EVANS), 81
ZAWANEH, SAM M., AYOUB, ELIA M., BAER, HERMAN, CRUZ, AMELIA C.,
and Spellacy, William N. Cyclic variation in the adherence of group B streptococci to human vaginal epithelial cells, 381

ZUSSMAN, LEON, ZUSSMAN, SHIRLEY, SUNLEY, ROBERT, and BJORNSON, EDITH. Sexual response after hysterectomy-oophorectomy: Recent studies and reconsideration of psychogenesis, 725 (Clinical opinion)

ZUSSMAN, SHIRLEY (see ZUSSMAN ET AL.), 725

Subject index*

A

Abdominal pressure, increased, evidence refuting role for, in pathogenesis of heartburn associated with pregnancy (Van Thiel and Wald), 420

Abdominopelvic abscess resulting from delayed postpartum uterine rupture (Duff and Mayer), 711 (Comm. in brief)

Abscess, abdominopelvic, resulting from delayed postpartum uterine rupture (Duff and Mayer), 711 (Comm. in brief)

placental, as cause of fever of unknown origin (Levy), 338 (Comm. in brief)

Absorption, sublingual, of micronized 17β -estradiol (Burnier et al.),

Acids, free fatty, plasma glucose, insulin, triglycerides, cholesterol, and individual amino acids, diurnal profiles of, in late normal pregnancy, XVII. Carbohydrate metabolism in pregnancy (Phelps, Metzger, and Freinkel), 730

Actinomyces in vaginas of women with and without intrauterine contraceptive devices (Curtis and Pine), 880

Adaptations, requisite, in obstetrics and gynecology for 1980s (Parker), $847\,$

Adenocarcinoma, clear cell, of cervix and vagina in young women, radical surgery in management of (Hill and Galante), 221

Adenomas, prolactin-secreting pituitary, in women. VI. Absence of demonstrable adenomas in patients with altered menstrual function and abnormal sellar polytomography (Nachtigall et al.), 303

Age assessment, gestational. II. Prediction from combined clinical observations (Andersen et al.), 770

at menopause, effect of hormonal events in earlier life and socioeconomic status on (Ernster and Petrakis), 471 (Comm. in brief)

Agenesis and stenosis, vaginal, bicycle seat stool in treatment of: preliminary report (Ingram), 867

liminary report (Ingram), 867 Alpha-fetoprotein screening, maternal serum: report of Forsyth County Project (Gardner, Burton, and Johnson), 250

Ambulatory care clinics, obstetric-gynecologic, health problems encountered by nurse-practitioners and physicians in (Barkauskas et al.), 393

kauskas et al.), 393
Amino acids, individual, plasma glucose, insulin, free fatty acids, triglycerides, and cholesterol, diurnal profiles of, in late normal pregnancy, XVII. Carbohydrate metabolism in pregnancy (Phelps, Metzger, and Freinkel), 730

Amniocentesis in second trimester: effect on fetal movement (Platt, Lenke, and Sipos), 758

transabdominal, in patients with intact membranes in premature labor, amniotic fluid infection as determined by (Bobitt, Hayslip, and Damato), 947

and vaginal specimens, paired, comparison of amniotic fluid lung maturity profiles in (Dombroski, Mackenna, and Brame), 461

Amnion, placenta, and chorion, human, study of angiotensin II binding sites in (Cooke, Craven, and Symonds), 689

Amniotic band, intrauterine amputation in one monozygotic twin associated with: case report (Kancherla et al.), 347 (Comm. in brief)

fluid cell growth, unusual and rapid (Stetten and Meissner), 719 (Comm. in brief)

infection as determined by transabdominal amniocentesis in patients with intact membranes in premature labor (Bebitt, Hayslip, and Damato), 947

lung maturity profiles, comparison of, in paired vaginal and amniocentesis specimens (Dombroski, Mackenna, and Brame), 461

phosphatidylglycerol: potentially useful predictor of intrauterine growth retardation (Gross et al.), 277

growth retardation (Gross et al.), 277 in vagina, assessing, for phosphatidylglycerol: management of preterm premature rupture of membranes (Stedman et al.), 34

Amputation, intrauterine, in one monozygotic twin associated with amniotic band: case report (Kancherla et al.), 347 (Comm. in brief)

Androgen levels, maternal serum total and free, changes in, in early pregnancy: lack of correlation with fetal sex (Glass and Klein), 656

receptor in human placenta, evidence for (McCormick et al.), 8 uptake in female reproductive system of nonhuman primate (Weaker and Sheridan), 624

Anesthesia, paracervical block, bradycardia in fetal baboon following (Morishima et al.), 775

Angiotensin II binding sites, study of, in human placenta, chorion, and amnion (Cooke, Craven, and Symonds), 689

sensitivity, vascular, decrease of, by L-dopa during human pregnancy (Kaulhausen et al.), 671

A/NJ/8/76 Influenza vaccination program: effects on maternal health and pregnancy outcome (Deinard and Ogburn), 240

Anomalies, minor müllerian, and oligomenorrhea in infertile women
(Stampe Sørensen), 636
Anovulatory infertility, regulation of ovarian follicular and luteal

Anovulatory infertility, regulation of ovarian follicular and luteal function during treatment with exogenous gonadotropins in (Yuen, Sy, and Cannon), 629

Antenatal diagnosis of congenital pleural effusions (Lange and Man-

Antenatal diagnosis of congenital pleural effusions (Lange and Manning), 839 (Comm. in brief) evaluation of fetal hydrocephalus with computed tomography (Pat-

terson et al.), 344 (Comm. in brief) patient, measurement of spontaneous uterine activity in (Bell), 713

(Comm. in brief)
prediction of women at increased risk for infants with low birth
weight (Gaziano, Freeman, and Allen), 99

Anthropometric study: correlation of shoe size and obstetric outcome (Kennedy and Greenwald), 466 (Comm. in brief)

Antibody titers, antisperm, and immunoglobulin E levels in infertile couples (Mathur et al.), 923

Anticholinergies, use of bladder retraining drills with and without:

Anticholinergics, use of bladder retraining drills with and without: detrusor instability syndrome (Fantl, Hurt, and Dunn), 885

Antiestrogen, postmenopausal hormone replacement therapy with estrogen periodically supplemented with (Kauppila et al.), 787

Antiestrogenic and estrogenic effects of danazol administration in studies of estradiol receptor binding (Musich, Behrman, and Menon), 62

Antifibrinolytic agent, release of, from intrauterine contraceptive devices, reduced menstrual blood loss by (Tauber et al.), 322

Antigenicity and immunology of human cervical squamous cell carcinoma: review (McCoy and Haines), 329 (Current developments)

Antigens and mitogens, lymphocyte proliferative responses to, during human pregnancy, longitudinal analysis of (Gehrz et al.), 665

Antigens, papillomavirus, immunoperoxidase localization of, in cervical dysplasia and vulvar condylomas (Kurman et al.), 931

Antisperm antibody titers and immunoglobulin E levels in infertile couples (Mathur et al.), 923

Apgar index: statistical tool (Jennett et al.), 206

score and electronic fetal monitoring, relationship between (Neutra, Greenland, and Friedman), 440 Arrest, short, of cervical dilatation: risk for maternal/fetal/infant

morbidity (Bottoms, Sokol, and Rosen), 108 Arteries, human chorionic plate, effects and interactions of prosta-

glandins E₁ and E₂ on (Kitson and Pipkin), 683 Asphyxia, newborn rabbit response to, and naloxone administration

(Goodlin), 340 (Comm. in brief severe neonatal, and death, unusual fetal heart rate pattern associ-

ated with (Serafini et al.), 715 (Comm. in brief)
Aspirin and dipyridamole administration, effects of: endotoxic shock in primate (Rao, Cavanagh, and Gaston), 914

Assay, highly sensitive, for urinary human chorionic gonadotropin, improved monitoring of gestational trophoblastic neoplasia using (Wehmann et al.), 753

Autoimmune hemolytic disease during pregnancy (Sacks, Platt, and Johnson), 942

B streptococci, group, cyclic variation in adherence of, to human vaginal epithelial cells (Zawaneh et al.), 381

Band, amniotic, intrauterine amputation in one monozygotic twin associated with: case report (Kancherla et al.), 347 (Comm. in brief

Beta, 17, estradiol levels, elevated endogenous, induced by human menopausal gonadotropins, response of blood coagulation parameters to (Kim et al.), 807

Bicycle seat stool in treatment of vaginal agenesis and stenosis: preliminary report (Ingram), 867

Binding, estradiol receptor, estrogenic and antiestrogenic effects of danazol administration in studies of (Musich; Behrman, and Menon), 62

sites, angiotensin II, study of, in human placenta, chorion, and amnion (Cooke, Craven, and Symonds), 689

Biodegradable contraceptive system, injectable, clinical evaluation of

(Beck et al.), 799 Biophysical profile scoring, fetal: prospective study in 1,184 high-risk patients (Manning et al.), 289

Birth(s), serum steroid levels in children at, and in early neonatal period (Kojima, Yanaihara, and Nakayama), 961 trisomy 18, high cesarean section rate in, potential indication for late

prenatal diagnosis (Schneider, Mennuti, and Zackai), 367 (Clinical opinion)

-weight infants, low- (750 to 1,500 grams), outcome in: report on 164 cases managed at Children's Hospital, San Francisco, California (Peacock and Hirata), 165

low, antenatal prediction of women at increased risk for infants

with (Gaziano, Freeman, and Allen), 99 Bite, Loxosceles reclusa spider: consideration in differential diagnosis of chronic, nonmalignant ulcers of vulva (Magrina and Masterson), 341 (Comm. in brief)

Bladder retraining drills, use of, with and without anticholinergics: detrusor instability syndrome (Fantl, Hurt, and Dunn), 885

urethra, and ureters, Paget's disease of vulva with extension into: case report (Lee and Dahlin), 834 (Comm. in brief)
Bleeding, postmenopausal uterine, colon cancer with (Coleman), 891

lesion as presenting sign of hypernephroma (Deprez, Hunter, and Hopkins), 709 (Comm. in brief)

Block anesthesia, paracervical, bradycardia in fetal baboon following (Morishima et al.), 775

Blood coagulation parameters, response of, to elevated endogenous 17β -estradiol levels induced by human menopausal gonadotropins (Kim et al.), 807

flow distribution, uterine, after indomethacin infusion in pregnant rabbit (Katz and Creasy), 430

uterine, endocrine regulation of, in nonpregnant uterus: review (Resnik), 151 loss, reduced menstrual, by release of antifibrinolytic agent from

intrauterine contraceptive devices (Tauber et al.), 322 umbilical vein and maternal, immunoreactive endorphin peptides and prolactin in (Kimball et al.), 157

Books received, 366, 488, 723-724, 846 Bradycardia in fetal baboon following paracervical block anesthesia (Morishima et al.), 775

Brain stem damage, fetal, and maternal nicotine administration: rat model with implications for sudden infant death syndrome (Krous et al.), 743

Breech presentation and hyperextension of fetal head, intrauterine quadriplegia associated with: case report (Cattamanchi et al.), 831 (Comm. in brief)

Caffeine and fetus: is trouble brewing? (Morris and Weinstein), 607 (Clinical opinion)

Campylobacter infections in pregnancy (Gribble et al.), 423

Cancer, colon, with postmenopausal uterine bleeding (Coleman), 891 early vulvar, femoral node metastases with negative superficial inguinal nodes in (Chu, Tamimi, and Figge), 337 (Comm. in

ovarian, peritoneoscopy in management of (Ozols et al.), 611

Carbohydrate metabolism in pregnancy. XVII. Diurnal profiles of plasma glucose, insulin, free fatty acids, triglycerides, cholesterol, and individual amino acids in late normal pregnancy (Phelps, Metzger, and Freinkel), 730

Carcinoma, advanced and recurrent endometrial, chemotherapy of, with cyclophosphamide, doxorubicin, 5-fluorouracil, and megestrol acetate (Deppe et al.), 313

Carcinoma—Cont'd

endometrial: aberration of endometrial cell differentiation (Satyaswaroop and Mortel), 620

human cervical squamous cell, antigenicity and immunology of: re-view' (McCoy and Haines), 329 (Current developments) multifocal, in situ of vulva, surgical approach to (Di Saia and Rich),

136 patterns of recurrence of, following radical hysterectomy (Figge and Tamimi), 213

Cardiovascular and metabolic responses, maternal, in normal pregnancy, I. Exercise in pregnancy (Artal et al.), 123

Carnitine, plasma, in pregnancy (Bargen-Lockner, Hahn, and Wittmann), 412

Catheter, Nelaton, for gradual and safe cervical dilatation: ideal substitute for laminaria (Manabe and Manabe), 465 (Comm. in

Cell(s) adenocarcinoma, clear, of cervix and vagina in young women, radical surgery in management of (Hill and Galante), 221

carcinoma, human cervical squamous, antigenicity and immunology of: review (McCoy and Haines), 329 (Current developments)

cervical intraepithelial neoplasia, squamous, effect of condom use on (Richardson and Lyon), 909

decidual, human chorionic trophoblasts, and macrophages: histochemical and electron microscopic study (Nehemiah et al.), 261

differentiation, endometrial, aberration of: endometrial carcinoma (Satyaswaroop and Mortel), 620

growth, amniotic fluid, unusual and rapid (Stetten and Meissner), 719 (Comm. in brief)

human vaginal epithelial, cyclic variation in adherence of group B streptococci to (Zawaneh et al.), 381 Central Association of Obstetricians and Gynecologists, transactions,

forthy-eighth annual meeting, 1-116 Cervical compliance in pregnant ewes, effect of prostaglandin E₂ on

(Stys et al.), 415 dilatation, gradual and safe, Nelaton catheter for: ideal substitute for laminaria (Manabe and Manabe), 465 (Comm. in brief)

short arrest of: risk for maternal/fetal/infant morbidity (Bottoms, Sokol, and Rosen), 108

dysplasia and vulvar condylomas, immunoperoxidase localization of papillomavirus antigens in (Kurman et al.), 931 intraepithelial neoplasia, squamous cell, effect on condom use on (Richardson and Lyon), 909

mucus, interaction of human spermatozoa with, in vivo (Hanson and

Overstreet), 173 squamous cell carcinoma, human, antigenicity and immunology of: review (McCoy and Haines), 329 (Current developments)

Cervix and vagina, clear cell adenocarcinoma of, radical surgery in management of, in young women (Hill and Galante), 221

Cesarean section, effect of electronic fetal monitoring on (Boehm, Davidson, and Barrett), 295 rate, high, in trisomy 18 births: potential indication for late pre-

natal diagnosis (Schneider, Mennuti, and Zackai), 367 (Clinical opinion) 15-year review of changing incidence, indications, and risks (Amirikia, Zarewych, and Evans), 81

Challenge test, oxytocin, and intrauterine growth retardation (Lin et al.), 282

Chemotherapy of advanced and recurrent endometrial carcinoma with cyclophosphamide, doxorubicin, 5-fluorouracil, and megestrol acetate (Deppe et al.), 313

Chloroprocaine controversy (de Jong), 237 (Clinical opinion) Cholesterol, plasma glucose, insulin, free fatty acids, triglycerides, and individual amino acids, diurnal profiles of, in late normal

pregnancy, XVII. Carbohydrate metabolism in pregnancy (Phelps, Metzger, and Freinkel), 730 Choriocarcinoma, gestational, histologic stromal reaction of host with, and its relation to clinical stage classification and prognosis (Ito et al.), 781

Chorion, placenta, and amnion, human, study of angiotensin II binding sites in (Cooke, Craven, and Symonds), 689

Chorionic gonadotropin, urinary human, improved monitoring of gestational trophoblastic neoplasia using highly sensitive assay for (Wehmann et al.), 753

plate arteries, human, effects and interactions of prostaglandins E1

and E2 on (Kitson and Pipkin), 683 trophoblasts, human, decidual cells, and macrophages: histochemical and electron microscopic study (Nehemiah et al.), 261

Circadian and daily variations in serum free testosterone levels are not clinically significant (Strickler et al.), 317

Classification, clinical stage, and prognosis, histologic stromal reaction of host with gestational choriocarcinoma and its relation to (Ito et al.), 781

Clear cell adenocarcinoma of cervix and vagina in young women, radical surgery in management of (Hill and Galante), 221

Clinical opinion, 237-239, 350-356, 367-370, 489-491, 725-729 Clinics, obstetric-gynecologic ambulatory care, health problems encountered by nurse-practitioners and physicians in (Barkauskas et al.), 393

Coagulation parameters, blood, response of, to elevated endogenous 17β-estradiol levels induced by human menopausal gonadotropins (Kim et al.), 807

College students, menstrual disorders in (Singh), 299

Colon cancer with postmenopausal uterine bleeding (Coleman), 891 Colpopexy, sacral, life-threatening hemorrhage complicating (Sutton et al.), 836 (Comm. in brief)

Communications in brief, 337-349, 465-478, 831-842

Complications, neurological, of laparoscopy (Paulson and DeVoe), 468 (Comm. in brief)

Compliance, cervical, in pregnant ewes, effect of prostaglandin E2 on (Stys et al.), 415

Compression, neck, by nuchal cord (Williams, Katzman, and Kripke), 345 (Comm. in brief)

Computed tomography, antenatal evaluation of fetal hydrocephalus with (Patterson et al.), 344 (Comm. in brief) Condom use, effect of, on squamous cell cervical intraepithelial neo-

plasia, (Richardson and Lyon), 909

Condylomas, vulvar, and cervical dysplasia, immunoperoxidase localization of papillomavirus antigens in (Kurman et al.), 931

Congenital pleural effusions, antenatal diagnosis of (Lange and Manning), 839 (Comm. in brief)

tubal isolation: case report (Falk, Nemiro, and Rifka), 837 (Comm. in

Consciousness, doctrine of, in obstetrics and gynecology (Douglas), 29 Continent and stress incontinent women, comparative urodynamic studies of, in pregnancy and in puerperium (Iosif and Ulmsten), 645

Contraceptive device(s), intrauterine, actinomyces in vaginas of women with and without (Curtis and Pine), 880

fibrin and platelets in menstrual discharge before and after insertion of (Christiaens, Sixma, and Haspels), 793 reduced menstrual blood loss by release of antifibrinolytic agent

from (Tauber et al.), 322 system, injectable biodegradable, clinical evaluation of (Beck et al.),

799

Contraction stress testing, utilization of, for primary fetal surveillance: postdate pregnancy (Freeman et al.), 128

Controversy, chloroprocaine (de Jong), 237 (Clinical opinion) Cord hematoma, umbilical, in utero diagnosis of, by ultrasonography (Rubinsky et al.), 833 (Comm. in brief)

nuchal, neck compression by (Williams, Katzman, and Kripke), 345 (Comm. in brief)

Correspondence, 233-236, 350-356, 479-486, 602-605

Corticosteroids, effect of, on lecithin/sphingomyelin ratio in rhesus monkey (Socol et al.), 708 (Comm. in brief)

Counseling and services, genetic, in obstetrics and gynecology: implications for educational goals and clinical practice (Simpson et al.), 70

Crisis, hyperparathyroid, and pregnancy (Clark, Seeds, and Cefalo), 840 (Comm. in brief)

Cross matches, unnecessary, efficacy of type and screen to reduce, for obstetric patients (Ness et al.), 661 Culture results, urine, efficacy of nitrite test and microscopic urinalysis

in predicting (Lenke and Van Dorsten), 427 Curettage, office dilatation and, praxeology of (Gregg), 179

Current developments, 815-830

Current investigation, 599-601

Cyclic variation in adherence of group B streptococci to human vaginal epithelial cells (Zawaneh et al.), 381

Cyclophosphamide, doxorubicin, 5-fluorouracil, and megestrol acetate, chemotherapy of advanced and recurrent endometrial

carcinoma with (Deppe et al.), 313 Cyst, posterior fossa intracranial (Dandy-Walker cyst), in utero diag-nosis of (Hatjis, Horbar, and Anderson), 473 (Comm. in

Cystic fibrosis, pregnancy in: better prognosis in patients with pancreatic function? (Corkey et al.), 737

n

Damage, experimental placental vascular, fetal metabolic response to (Clapp et al.), 446

fetal brain stem, and maternal nicotine administration: rat model with implications for sudden infant death syndrome (Krous

Danazol administration, estrogenic and antiestrogenic effects of, in studies of estradiol receptor binding (Musich, Behrman, and Menon), 62

Dandy-Walker cyst (posterior fossa intracranial cyst), in utero diagnosis of (Hatjis, Horbar, and Anderson), 473 (Comm. in brief)

Death and severe neonatal asphyxia, unusual fetal heart rate pattern associated with (Serafini et al.), 715 (Comm. in brief)

syndrome, sudden infant, rat model with implications for: maternal nicotine administration and fetal brain stem damage (Krous et al.), 743

Decidual cells, human chorionic trophoblasts, and macrophages: histochemical and electron microscopic study (Nehemiah et al.), 261

Detrusor instability syndrome: use of bladder retraining drills with and without anticholinergics (Fantl, Hurt, and Dunn), 885 Development, delayed sexual: study of 252 patients (Reindollar, Byrd,

and McDonough), 371

Device(s), intrauterine contraceptive, actinomyces in vaginas of women with and without (Curtis and Pine), 880

fibrin and plateles in menstrual discharge before and after in-sertion of (Christiaens, Sixma, and Haspels), 793 reduced menurual blood loss by release of antifibrinolytic agent

from (Tauber et al.), 322

Dexamethasone, magnitude and duration of lung response to, in fetal sheep (Taeusch et al.), 452 Diabetic patient, pregnant, psychiatric risk factors in (Barglow et al.),

46 Diagnosis, antenatal, of congenital pleural effusions (Lange and Man-

ning), 839 (Comm. in brief) in utero, of umbilical cord hematoma by ultrasonography (Rubinsky

et al.), 833 (Comm. in brief) Diethylstilbestrol exposure, in utero, and male fertility, possible relationship between (Stenchever et al.), 186

pregnancy outcome in women exposed to, in utero (Sandberg et al.), 194

Differentiation, endometrial cell, aberration of: endometrial carcinoma (Satyaswaroop and Mortel), 620 Dilatation, cervical, short arrest of: risk for maternal/fetal/infant mor-

bidity (Bottoms, Sokol, and Rosen), 108

and curettage, office, praxeology of (Gregg), 179

gradual and safe cervical, Nelaton catheter for: ideal substitute for laminaria (Manabe and Manabe), 465 (Comm. in brief) Dipyridamole and aspirin administration, effects of: endotoxic shock

in primate (Rao, Cavanagh, and Gaston), 914 Discharge, menstrual, fibrin and platelets in, before and after insertion

of intrauterine contraceptive device (Christiaens, Sixma, and Haspels), 793 Disease, autoimmune hemolytic, during pregnancy (Sacks, Platt, and

Johnson), 942 Paget's, of vulva with extension into urethra, bladder, and ureters:

case report (Lee and Dahlin), 834 (Comm. in brief) Disorders, menstrual, in college students (Singh), 299

Distribution, uterine blood flow, after indomethacin infusion in preg-nant rabbit (Katz and Creasy, 430

Diving, scuba, during pregnancy: brief review (Newhall), 893 Doctrine of consciousness in obstetrics and gynecology (Douglas), 29 Doxorubicin, cyclophosphamide, 5-fluorouracil, and megestrol acetate, chemotherapy of advanced and recurrent endometrial

carcinoma with (Deppe et al.), 313

Drills, bladder retraining, use of, with and without anticholinergics: detrusor instability syndrome (Fantl, Hurt, and Dunn), 885 Duke University Medical Center, 24 year experience at: Rh isoim-

munization (Gall and Miller), 902 Dysgerminoma and gonadoblastoma in true hermaphrodite with 46,XX karyotype (Talerman, Jarabak, and Amarose), 475 (Comm. in brief)

Dysmenorrhea treatment, primary, with prostaglandin inhibitors: review (Dingfelder), 874

Dysplasia, cervical, and vulvar condylomas, immunoperoxidase localization of papillomavirus antigens in (Kurman et al.), 931

Eclampsia at Magee-Womens Hospital, 1970 to 1980 (Gedekoh, Hayashi, and MacDonald), 860

Ectopic pregnancy, Rh immunoglobulin utilization after (Grimes, Geary, and Hatcher), 246

Edema, massive ovarian (Abrams and Salazar), 346 (Comm. in brief)

Education, medical, role of volunteer practicing physician in (Fox),

Educational goals and clinical practice, implications for: genetic counseling and genetic services in obstetrics and gynecology (Simpson et al.), 70

Effusions, congenital pleural, antenatal diagnosis of (Lange and Manning), 839 (Comm. in brief)

Electrode, tissue pH, evaluation of, for fetal monitoring using fetal sheep as experimental model (Fusi et al.), 953

Electron microscopic and histochemical study: human chorionic trophoblasts, decidual cells, and macrophages (Nehemiah et al.), 261

Electronic fetal monitoring and Apgar score, relationship between (Neutra, Greenland, and Friedman), 440

effect of, on incidence of cesarean section (Boehm, Davidson, and Barrett), 295

Embryotoxicity, maternally mediated mechanism of: effects of hydroxyurea on hemodynamics of pregnant rabbits (Millicovsky et al.), 747

Endocrine regulation of uterine blood flow in nonpregnant uterus: review (Resnik), 151

Endometrial carcinoma: aberration of endometrial cell differentiation (Satyaswaroop and Mortel), 620

advanced and recurrent, chemotherapy of, with cyclophosphamide, doxorubicin, 5-fluorouracil, and megestrol acetate (Deppe et al.), 313

sarcoma, case of extensive pelvic endometriosis terminating in (Crum et al.), 718 (Comm. in brief)

Endometriosis, extensive pelvic, case of, terminating in endometrial sarcoma (Crum et al.), 718 (Comm. in brief)

peritoneal fluid thromboxane B_2 and 6-keto-prostaglandin $F_{1\alpha}$ in (Drake et al.), $401\,$

thoracic: review and report of two cases (Hibbard, Schumann, and Goldstein), 227

Endometrium, estrogen-primed, estradiol and progesterone receptors in (Natrajan et al.), 387

laser photovaporization of, for treatment of menorrhagia (Goldrath, Fuller, and Segal), 14

Endorphin peptides, immunoreactive, and prolactin in umbilical vein and maternal blood (Kimball et al.), 157

Endotoxic shock in primate: effects of aspirin and dipyridamole administration (Rao, Cavanagh, and Gaston), 914

Enterocele, vaginal prolapse, pelvic hernia: recognition and treatment (Ranney), 53

vault prolapse, posthysterectomy (Symmonds et al.), 852 Epithelial cells, human vaginal, cyclic variation in adherence of group B streptococci to (Zawaeh et al.), 381

B streptococci to (Zawaneh et al.), 381 proliferations, atypical, in fallopian tube (Stern et al.), 309

Estradiol, 17β -, levels, elevated endogenous, induced by human menopausal gonadotropins, response of blood coagulation parameters to (Kim et al.), 807

micronized 17β-, sublingual absorption of (Burnier et al.), 146 and progesterone receptors in estrogen-primed endometrium (Natrajan et al.), 387

receptor binding, estrogenic and antiestrogenic effects of danazol administration in studies of (Musich, Behrman, and Menon), 62

Estrogen periodically supplemented with antiestrogen, postmenopausal hormone replacement therapy with (Kauppila et al.). 787

-primed endometrium, estradiol and progesterone receptors in (Natrajan et al.), 387

Estrogenic and antiestrogenic effects of danazol administration in studies of estradiol receptor binding (Musich, Behrman, and Menon), 62

Exercise in pregnancy. I. Maternal cardiovascular and metabolic responses in normal pregnancy (Artal et al.), 123

Exposure(s), multiple hyperbaric, during pregnancy in sheep (Nemiroff, Willson, and Kirschbaum), 651

in utero diethylstilbestrol, and male fertility, possible relationship between (Stenchever et al.), 186 Fatty acids, free, plasma glucose, insulin, triglycerides, cholesterol, and individual amino acids, diurnal profiles of, in late normal pregnancy, XVII. Carbohydrate metabolism in pregnancy (Phelps, Metzger, and Freinkel), 730

Femoral node metastases with negative superficial inguinal nodes in early vulvar cancer (Chu, Tamimi, and Figge), 337 (Comm. in brief)

Fertility, male, and in utero diethylstilbestrol exposure, possible relationship between (Stenchever et al.), 186

Fetal baboon, bradycardia in, following paracervical block anesthesia (Morishima et al.), 775

biophysical profile scoring: prospective study in 1,184 high-risk patients (Manning et al.), 289

brain stem damage and maternal nicotine administration: rat model with implications for sudden infant death syndrome (Krous et al.), 743

head, hyperextension of, and breech presentation, intrauterine quadriplegia associated with: case report (Cattamanchi et al.), 831 (Comm. in brief)

tet al.), 831 (Comm. in brief)
heart rate monitoring, intrapartum. V. Fetal heart rate patterns in
second stage of labor (Krebs, Petres, and Dunn), 435
pattern(s), relationship of, to fetal transcutaneous Po₂ (Willcourt

et al.), 760 unusual, associated with severe neonatal asphyxia and death (Serafini et al.), 715 (Comm. in brief)

variability and uterine activity, effect of magnesium sulfate on (Stallworth, Yeh, and Petrie), 702

hydrocephalus, antenatal evaluation of, with computed tomography (Patterson et al.), 344 (Comm. in brief) /maternal/infant morbidity, risk for: short arrest of cervical dilata-

tion (Bottoms, Sokol, and Rosen), 108 metabolic response to experimental placental vascular damage

(Clapp et al.), 446 monitoring, electronic, and Apgar score, relationship between

(Neutra, Greenland, and Friedman), 440 effect of, on incidence of cesarean section (Boehm, Davidson, and Barrett), 295

evaluation of tissue pH electrode for, using fetal sheep as experimental model (Fusi et al.), 953

movement, comparison between maternal, tocodynamometric, and real-time ultrasonographic assessments of (Sorokin et al.),

effect on: amniocentesis in second trimester (Platt, Lenke, and Sipos), 758

sex, lack of correlation with: changes in maternal serum total and free androgen levels in early pregnancy (Glass and Klein), 656

sheep, magnitude and duration of lung response to dexamethasone in (Taeusch et al.), 452

surveillance, primary, utilization of contraction stress testing for: postdate pregnancy (Freeman et al.), 128

transcutaneous oxygen tension, distribution of observed patterns in (Rooth et al.), 693

Fetoprotein, alpha-, screening, maternal serum: report of Forsyth County Project (Gardner, Burton, and Johnson), 250

Fetus and caffeine: is trouble brewing? (Morris and Weinstein), 607 (Clinical opinion)

Fever of unknown origin, placental abscess as cause of (Levy), 338 (Comm. in brief)

Fibrin and platelets in menstrual discharge before and after insertion of intrauterine contraceptive device (Christiaens, Sixma, and Haspels), 793

Filter placement, vena caval, during pregnancy (Barnes et al.), 707 (Comm. in brief)
Flow distribution, uterine blood, after indomethacin infusion in preg-

nant rabbit (Katz and Creasy), 430 uterine blood, endocrine regulation of, in nonpregnant uterus: review (Resnik), 151

Fluid, amniotic, in vagina, assessing, for phosphatidylglycerol: management of preterm premature rupture of membranes (Stedman et al.), 34

cell growth, amniotic, unusual and rapid (Stetten and Meissner), 719 (Comm. in brief)

infection, amniotic, as determined by transabdominal amniocentesis in patients with intact membranes in premature labor (Bobitt, Hayslip, and Damato), 947

lung maturity profiles, amniotic, comparison of, in paired vaginal and amniocentesis specimens (Dombroski, Mackenna, and Brame), 461

Fluid-Cont'd

phosphatidylglycerol, amniotic: potentially useful predictor of in-trauterine growth retardation (Gross et al.), 277

thromboxane B_2 and 6-keto-prostaglandin $F_1\alpha$, peritoneal, in endometriosis (Drake et al.), 401

4-Fluorouracil, cyclophosphamide, doxorubicin, and megestrol acetate, chemotherapy of advanced and recurrent endometrial carcinoma with (Deppe et al.), 313

Follicular and luteal function, ovarian, regulation of, during treatment with exogenous gonadotropins in anovulatory infertility (Yuen, Sy, and Cannon), 629

Forsyth County Project, report of: maternal serum alpha-fetoprotein screening (Gardner, Burton, and Johnson), 250

Fossa intracranial cyst, posterior (Dandy-Walker cyst), in utero diagnosis of (Hatjis, Horbar, and Anderson), 473 (Comm. in

G

Gap junctions, appearance of, in myometrium of women during labor (Garfield and Hayashi), 254

Genetic counseling and genetic services in obstetrics and gynecology: implications for educational goals and clinical practice (Simpson et al.), 70

Gestational age assessment. II. Prediction from combined clinical observations (Andersen et al.), 770

choriocarcinoma, histologic stromal reaction of host with, and its relation to clinical stage classification and prognosis (Ito et al.), 781

trophoblastic neoplasia, improved monitoring of, using highly sensitive assay for urinary human chorionic gonadotropin (Wehmann et al.), 753

Giardiasis in pregnancy (Kreutner, Del Bene, and Amstey), 895

Glucose, plasma, insulin, free fatty acids, triglycerides, cholesterol, and individual amino acids, diurnal profiles of, in late normal pregnancy, XVII. Carbohydrate metabolism in pregnancy (Phelps, Metzger, and Freinkel), 730

Gonadoblastoma and dysgerminoma in true hermaphrodite with 46,XX karyotype (Talerman, Jarabak, and Amarose), 475

(Comm. in brief)

Gonadotropin(s), exogenous, regulation of ovarian follicular and luteal function during treatment with, in anovulatory infertility (Yuen, Sy, and Cannon), 629

human menopausal, response of blood coagulation parameters to elevated endogenous 17β-estradiol levels induced by (Kim et al.), 807

urinary human chorionic, improved monitoring of gestational trophoblastic neoplasia using highly sensitive assay for (Wehmann et al.), 753

Group B streptococci, cyclic variation in adherence of, to human vaginal epithelial cells (Zawaneh et al.), 381

Growth, amniotic fluid cell, unusual and rapid (Stetten and Meissner), 719 (Comm. in brief)

retardation, intrauterine, and oxytocin challenge test (Lin et al.), 282 potentially useful predictor of: amniotic fluid phosphatidylglycerol (Gross et al.), 277

Gynecologic care, lesbian, factors influencing: preliminary study (Johnson et al.), 20

-obstetric ambulatory care clinics, health problems encountered by nurse-practitioners and physicians in (Barkauskas et al.), 393

Gynecology and obstetrics, doctrine of consciousness in (Douglas), 29 genetic counseling and genetic services in: implications for educational goals and clinical practice (Simpson et al.), 70 requisite adaptations in, for 1980s (Parker), 847

H

Head, fetal, hyperextension of, and breech presentation, intrauterine quadriplegia associated with: case report (Cattamanchi et al.), 831 (Comm. in brief)

Health, maternal, and pregnancy outcome, effects on: A/NJ/8/76 influenza vaccination program (Deinard and Ogburn), 240 problems encountered by nurse-practitioners and physicians in

obstetric-gynecologic ambulatory care clinics (Barkauskas et al.), 393

Heart rate monitoring, intrapartum fetal. V. Fetal heart rate patterns in second stage of labor (Krebs, Petres, and Dunn), 435 pattern(s), fetal, relationship of, to fetal transcutaneous Po₂ (Willcourt et al.), 760

Heart rate pattern(s)-Cont'd

unusual fetal, associated with severe neonatal asphyxia and death (Serafini et al.), 715 (Comm. in brief)

variability, fetal, and uterine activity, effect of magnesium sulfate on (Stallworth, Yeh, and Petrie), 702

Heartburn associated with pregnancy, pathogenesis of, evidence refut-ing role for increased abdominal pressure in (Van Thiel and Wald), 420

Hematoma, umbilical cord, in utero diagnosis of, by ultrasonography (Rubinsky et al.), 833 (Comm. in brief)

Hemodynamics of pregnant rabbits, effects of hydroxyurea on: maternally mediated mechanism of embryotoxicity (Millicovsky et al.), 747

Hemolytic disease, autoimmune, during pregnancy (Sacks, Platt, and Johnson), 942

Hemorrhage, life-threatening, complicating sacral colpopexy (Sutton et al.), 836 (Comm. in brief)

Hermaphrodite, true, with 46,XX karyotype, gonadoblastoma and dysgerminoma in (Talerman, Jarabak, and Amarose), 475 (Comm. in brief)

Hernia, pelvic, enterocele, vaginal prolapse: recognition and treatment (Ranney), 53

Hirsutism: implications, etiology, and management (Hatch et al.), 815 (Current developments)

Histochemical and electron microscopic study: human chorionic trophoblasts, decidual cells, and macrophages (Nehemiah et al.), 261

Histologic stromal reaction of host with gestational choriocarcinoma and its relation to clinical stage classification and prognosis (Ito et al.), 781

Hormonal events in earlier life and socioeconomic status, effect of, on age at menopause (Ernster and Petrakis), 471 (Comm. in

Hormone replacement therapy, postmenopausal, with estrogen periodically supplemented with antiestrogen (Kauppila et al.),

Hospital(s), Magee-Womens, eclampsia at, 1970 to 1980 (Gedekoh, Hayashi, and MacDonald), 860

San Francisco General, nurse-midwifery practice: first thousand births (Mann), 676 United States, impact of laparoscopy on tubal sterilization in, 1970

and 1975 to 1978 (Peterson et al.), 811

Human cervical squamous cell carcinoma, antigenicity and immunology of: review (McCoy and Haines), 329 (Current developments)

chorionic gonadotropin, urinary, improved monitoring of gesta-tional trophoblastic neoplasia using highly sensitive assay for (Wehmann et al.), 753

plate arteries, effects and interactions of prostaglandins E1 and E2 on (Kitson and Pipkin), 683 trophoblasts, decidual cells, and macrophages: histochemical and

electron microscopic study (Nehemiah et al.), 261 menopausal gonadotropins, response of blood coagulation parame-

ters to elevated endogenous 17β-estradiol levels induced by (Kim et al.), 807

placenta, chorion, and amnion, study of angiotensin II binding sites in (Cooke, Craven, and Symonds), 689

evidence for androgen receptor in (McCormick et al.), 8 pregnancy, decrease of vascular angiotensin sensitivity by L-dopa during (Kaulhausen et al.), 671

longitudinal analysis of lymphocyte proliferative responses to mi-togens and antigens during (Gehrz et al.), 665

spermatozoa, interaction of, with cervical mucus in vivo (Hanson and Overstreet), 173

vaginal epithelial cells, cyclic variation in adherence of group B streptococci to (Zawaneh et al.), 381 Hydatidiform mole, real-time ultrasound as adjunct in operative man-

agement of (Evers et al.), 469 (Comm. in brief) Hydrocephalus, fetal, antenatal evaluation of, with computed tomog-

raphy (Patterson et al.), 344 (Comm. in brief) Hydroxyurea, effects of, on hemodynamics of pregnant rabbits: maternally mediated mechanism of embryotoxicity (Millicovsky et al.), 747

Hyperbaric exposures, multiple, during pregnancy in sheep (Nemiroff, Willson, and Kirschbaum), 651

Hyperextension of fetal head and breech presentation, intrauterine quadriplegia associated with: case report (Cattamanchi et al.), 831 (Comm. in brief)

- Hypernephroma, bleeding vaginal lesion as presenting sign of (Deprez, Hunter, and Hopkins), 709 (Comm. in brief)
- Hyperparathyroid crisis and pregnancy (Clark, Seeds, and Cefalo), 840 (Comm. in brief)
- Hyperthyroidism, self-limited, following intravaginal iodine administration (Jacobson et al.), 472 (Comm. in brief)
- Hysterectomy-oophorectomy, sexual response after: recent studies and reconsideration of psychogenesis (Zussman et al.), 725 (Clinical opinion)
 - radical, patterns of recurrence of carcinoma following (Figge and Tamimi), 213
 - T
- Immunoglobulin E levels and antisperm antibody titers in infertile couples (Mathur et al.), 923
 - Rh, utilization, after ectopic pregnancy (Grimes, Geary, and Hatcher), 246
- Immunology and antigenicity of human cervical squamous cell carcinoma: review (McCoy and Haines), 329 (Current developments)
- Immunoperoxidase localization of papillomavirus antigens in cervical dysplasia and vulvar condylomas (Kurman et al.), 931
- Immunoreactive endorphin peptides and prolactin in umbilical vein and maternal blood (Kimball et al.), 157 Incontinence, genuine stress, urodynamic effects of retropubic ure-
- thropexy in (Bhatia and Ostergard), 936
- Incontinent, stress, and continent women, comparative urodynamic studies of, in pregnancy and in puerperium (Iosif and Ulmsten), 645
- Index, Apgar: statistical tool (Jennett et al.), 206
- Indomethacin infusion, uterine blood flow distribution after, in pregnant rabbit (Katz and Creasy), 430
- Infant(s) death syndrome, sudden, rat model with implications for: maternal nicotine administration and fetal brain stem damage (Krous et al.), 743
- low-birth-weight (750 to 1,500 grams), outcome in: report of 164 cases managed at Children's Hospital, San Francisco, California (Peacock and Hirata), 165
- /maternal/fetal morbidity, risk for: short arrest of cervical dilatation
- (Bottoms, Sokol, and Rosen), 108 with low birth weight, antenatal prediction of women at increased
- risk for (Gaziano, Freeman, and Allen), 99 Infection(s), amniotic fluid, as determined by transabdominal amniocentesis in patients with intact membranes in premature labor (Bobitt, Hayslip, and Damato), 947
- campylobacter, in pregnancy (Gribble et al.), 423 streptococcal. in pregnancy (Gibbs and Blanco), 405
- Infertile couples, immunoglobulin E levels and antisperm antibody titers in (Mathur et al.), 923
- women, minor müllerian anomalies and oligomenorrhea in (Stampe Sørensen), 636
- Infertility, anovulatory, regulation of ovarian follicular and luteal function during treatment with exogenous gonadotropins in (Yuen, Sy, and Cannon), 629
- Influenza vaccination program, A/NJ/8/76: effects on maternal health and pregnancy outcome (Deinard and Ogburn), 240
- Infusion, indomethacin, uterine blood flow distribution after, in pregnant rabbit (Katz and Creasy), 430
- Inguinal nodes, negative superficial, femoral node metastases with, in early vulvar cancer (Chu, Tamimi, and Figge), 337 (Comm. in brief)
- Inhibitors, prostaglandin, primary dysmenorrhea treatment with: review (Dingfelder), 874
- Injectable, biodegradable contraceptive system, clinical evaluation of (Beck et al.), 799
- Instability syndrome, detrusor: use of bladder retraining drills with
- and without anticholinergics (Fantl, Hurt, and Dunn), 885 Insulin, plasma glucose, free fatty acids, triglycerides, cholesterol, and individual amino acids, diurnal profiles of, in late normal pregnancy, XVII. Carbohydrate metabolism in pregnancy (Phelps, Metzger, and Freinkel), 730
- Intracranial cyst, posterior fossa (Dandy-Walker cyst), in utero diagnosis of (Hatjis, Horbar, and Anderson), 473 (Comm. in brief)
- Intraepithelial neoplasia, squamous cell cervical, effect of condom use on (Richardson and Lyon), 909
- Intrapartum fetal heart rate monitoring. V. Fetal heart rate patterns in second stage of labor (Krebs, Petres, and Dunn), 435

- Intrauterine amputation in one monozygotic twin associated with amniotic band: case report (Kancherla et al.), 347 (Comm. in brief)
 - contraceptive device(s), actinomyces in vaginas of women with and without (Curtis and Pine), 880
 - fibrin and platelets in menstrual discharge before and after insertion of (Christiaens, Sixma, and Haspels), 793
 - reduced menstrual blood loss by release of antifibrinolytic agent from (Tauber et al.), 322
 - growth retardation and oxytocin challenge test (Lin et al.), 282 potentially useful predictor of: amniotic fluid phosphatidylgly-
 - cerol (Gross et al.), 277 quadriplegia associated with breech presentation and hyperextension of fetal head: case report (Cattamanchi et al.), 831 (Comm. in brief)
- Intravaginal iodine administration, self-limited hyperthyroidism following (Jacobson et al.), 472 (Comm. in brief)
- Intravenous administration, maternal, placental transfer of methylprednisolone following (Anderson, Rotchell, and Kaiser),
- Iodine administration, intravaginal, self-limited hyperthyroidism following (Jacobson et al.), 472 (Comm. in brief)
- Isoimmunization, Rh: 24 year experience at Duke University Medical Center (Gall and Miller), 902
- Isolation, congenital tubal: case report (Falk, Nemiro, and Rifka), 837 (Comm. in brief)
- Items, 357-365, 487, 606, 722, 843-845, 966

- Junctions, gap, appearance of, in myometrium of women during labor (Garfield and Hayashi), 254
- Karyotype, 46,XX, gonadoblastoma and dysgerminoma in true hermaphrodite with (Talerman, Jarabak, and Amarose), 475 (Comm. in brief)
- 6-Keto-prostaglandin F₁α and thromboxane B₂, peritoneal fluid, in endometriosis (Drake et al.), 401
- Labor, appearance of gap junctions in myometrium of women during
 - (Garfield and Hayashi), 254 premature, amniotic fluid infection as determined by transabdominal amniocentesis in patients with intact membranes in (Bobitt, Hayslip, and Damato), 947
- second stage of, fetal heart rate patterns in, V. Intrapartum fetal heart rate monitoring (Krebs, Petres, and Dunn), 435
- Lactogenesis associated with placental retention, failure of (Neifert, McDonough, and Neville), 477 (Comm. in brief)
- Laminaria, ideal substitute for: Nelaton catheter for gradual and safe cervical dilatation (Manabe and Manabe), 465 (Comm. in brief)
- Laparoscopy, impact of, on tubal sterilization in United States hospitals, 1970 and 1975 to 1978 (Peterson et al.), 811
- neurological complications of (Paulson and DeVoe), 468 (Comm. in brief)
- Laser photovaporization of endometrium for treatment of menorrhagia (Goldrath, Fuller, and Segal), 14
- L-dopa, decrease of vascular angiotensin sensitivity by, during human pregnancy (Kaulhausen et al.), 671
- Lecithin/sphingomyelin ratio, effect of corticosteroids on, in rhesus monkey (Socol et al.), 708 (Comm. in brief)
- Lesbian gynecologic care, factors influencing: preliminary study (Johnson et al.), 20
- Lesion, bleeding vaginal, as presenting sign of hypernephroma (De-prez, Hunter, and Hopkins), 709 (Comm. in brief) Loxosceles reclusa spider bite: consideration in differential diagnosis of
- chronic, nonmalignant ulcers of vulva (Magrina and Masterson), 341 (Comm. in brief)
- Lung maturity profiles, amniotic fluid, comparison of, in paired vaginal and amniocentesis specimens (Dombroski, Mackenna, and Brame), 461
- response, magnitude and duration of, to dexamethasone in fetal
- sheep (Tacusch et al.), 452 Luteal and follicula: function, ovarian, regulation of, during treatment with exogenous gonadotropins in anovulatory infertility (Yuen, Sy, and Cannon), 629

Lymphocyte proliferative responses to mitogens and antigens during human pregnancy, longitudinal analysis of (Gehrz et al.),

- Macrophages, human chorionic trophoblasts, and decidual cells: histochemical and electron microscopic study (Nehemiah et al.), 261
- Magee-Womens Hospital, eclampsia at, 1970 to 1980 (Gedekoh, Hayashi, and MacDonald), 860
- Magnesium sulfate, effect of, on fetal heart rate variability and uterine activity (Stallworth, Yeh, and Petrie), 702 Male fertility and in utero diethylstilbestrol exposure, possible relation-
- ship between (Stenchever et al.), 186 Maternal cardiovascular and metabolic responses in normal pregnancy, I. Exercise in pregnancy (Artal et al.), 123
- /fetal/infant morbidity, risk for: short arrest of cervical dilatation (Bottoms, Sokol, and Rosen), 108
- health and pregnancy outcome, effects on: A/NJ/8/76 influenza vaccination program (Deinard and Ogburn), 240 intravenous administration, placental transfer of methylpredniso-
- lone following (Anderson, Rotchell, and Kaiser), 699
- nicotine administration and fetal brain stem damage: rat model with implications for sudden infant death syndrome (Krous et al.), 743
- serum alpha-fetoprotein screening: report of Forsyth County Project (Gardner, Burton, and Johnson), 250
- total and free androgen levels in early pregnancy, changes in: lack of correlation with fetal sex (Glass and Klein), 656
- tocodynamometric, and real-time ultrasonographic assessments of fetal movement, comparison between (Sorokin et al.), 456 and umbilical vein blood, immunoreactive endorphin peptides and
- prolactin in (Kimball et al.), 157 Maternally mediated mechanism of embryotoxicity: effects of hydroxyurea on hemodynamics of pregnant rabbits (Millicovsky et al.), 747
- Maturity profiles, amniotic fluid lung, comparison of, in paired vaginal and amniocentesis specimens (Dombroski, Mackenna, and Brame), 461
- Measurement of spontaneous uterine activity in antenatal patient (Bell), 713 (Comm. in brief)
- Medical education, role of volunteer practicing physician in (Fox), 117 Megestrol acetate, cyclophosphamide, doxorubicin, and 5-fluorouracil, chemotherapy of advanced and recurrent endometrial car-
- cinoma with (Deppe et al.), 313 Membranes, intact, patients with, in premature labor, amniotic fluid infection as determined by transabdominal amniocentesis in (Bobitt, Hayslip, and Damato), 947
- premature rupture of, conservative management of (Varner and Galask), 39
- preterm premature rupture of, management of: assessing amniotic fluid in vagina for phosphatidylglyercol (Stedman et al.), 34
- Menopausal gonadotropins, human, response of blood coagulation parameters to elevated endogenous 17β-estradiol levels induced by (Kim et al.), 807 Menopause, effect of hormonal events in earlier life and socioeco-
- nomic status on age at (Ernster and Petrakis), 471 (Comm. in brief)
- Menorrhagia, laser photovaporization of endometrium for treatment of (Goldrath, Fuller, and Segal), 14
- Menstrual blood loss, reduced, by release of antifibrinolytic agent from
- intrauterine contraceptive devices (Tauber et al.), 322 discharge, fibrin and platelets in, before and after insertion of in-trauterine contraceptive device (Christiaens, Sixma, and Haspels), 793
- disorders in college students (Singh), 299
- function, altered, and abnormal sellar polytomography, absence of demonstrable adenomas in patients with, VI. Prolactin-secreting pituitary adenomas in women (Nachtigall et al.),
- Metabolic and cardiovascular responses, maternal, in normal pregnancy, I. Exercise in pregnancy (Artal et al.), 123
- response, fetal, to experimental placental vascular damage (Clapp et al.), 446
- Metabolism, carbohydrate, in pregnancy. XVII. Diurnal profiles of plasma glucose, insulin, free fatty acids, triglycerides, cholesterol, and individual amino acids in late normal pregnancy (Phelps, Metzger, and Freinkel), 730

- Metastases, femoral node, with negative superficial inguinal nodes in early vulvar cancer (Chu, Tamimi, and Figge), 337 (Comm. in brief)
- Methylprednisolone, placental transfer of, following maternal intravenous administration (Anderson, Rotchell, and Kaiser), 699
- Micronized 17β-estradiol, sublingual absorption of (Burnier et al.), 146 Microscopic urinalysis and nitrite test, efficacy of, in predicting urine culture results (Lenke and Van Dorsten), 427
- Midwifery practice, nurse-, San Francisco General Hospital: first thousand births (Mann), 676
- Mitogens and antigens, lymphocyte proliferative responses to, during human pregnancy, longitudinal analysis of (Gehrz et al.),
- Mole, hydatidiform, real-time ultrasound as adjunct in operative management of (Evers et al.), 469 (Comm. in brief)
- Monitoring, electronic fetal, and Apgar score, relationship between (Neutra, Greenland, and Friedman), 440
- effect of, on incidence of cesarean section (Boehm, Davidson, and Barrett), 295
- fetal, evaluation of tissue pH electrode for, using fetal sheep as ex-perimental model (Fusi et al.), 953 improved, of gestational trophoblastic neoplasia using highly sensit-
- ive assay for urinary human chorionic gonadotropin (Wehmann et al.), 753
- intrapartum fetal heart rate. V. Fetal heart rate patterns in second stage of labor (Krebs, Petres, and Dunn), 435
- Monozygotic twin, one, intrauterine amputation in, associated with amniotic band: case report (Kancherla et al.), 347 (Comm. in brief)
- Morbidity, maternal/fetal/infant, risk for: short arrest of cervical dilatation (Bottoms, Sokol, and Rosen), 108
- Movement, fetal, comparison between maternal, tocodynamometric, and real-time ultrasonographic assessments of (Sorokin et al.), 456
 - effect on: amniocentesis in second trimester (Platt, Lenke, and Sipos), 758
- Mucus, cervical, interaction of human spermatozoa with, in vivo (Hanson and Overstreet), 173
- Müllerian anomalies, minor, and oligomenorrhea in infertile women (Stampe Sørensen), 636
- Myometrium of women, appearance of gap junctions in, during labor (Garfield and Hayashi), 254

- Naloxone administration and newborn rabbit response to asphyxia
- (Goodlin), 340 (Comm. in brief) Neck compression by nuchal cord (Williams, Katzman, and Kripke), 345 (Comm. in brief)
- Nelaton catheter for gradual and safe cervical dilatation: ideal substitute for laminaria (Manabe and Manabe), 465 (Comm. in
- Neonatal asphyxia, severe, and death, unusual fetal heart rate pattern associated with (Serafini et al.), 715 (Comm. in brief)
- period, early, serum steroid levels in children at birth and in (Kohima, Yanaihara, and Nakayama), 961
- Neoplasia, gestational trophoblastic, improved monitoring of, using highly sensitive assay for urinary human chorionic gonadotropin (Wehmann et al.), 753
 - squamous cell cervical intraepithelial, effect of condom use on (Richardson and Lyon), 909
- Neurological complications of laparoscopy (Paulson and DeVoe), 468 (Comm. in brief)
- Newborn rabbit response to asphyxia and naloxone administration (Goodlin), 340 (Comm. in brief)
- Nicotine administration, maternal, and fetal brain stem damage: rat model with implications for sudden infant death syndrome (Krous et al.), 743
- Nitrite test and microscopic urinalysis, efficacy of, in predicting urine
- culture results (Lenke and Van Dorsten), 427 Node metastases, femoral, with negative superficial inguinal nodes in early vulvar cancer (Chu, Tamimi, and Figge), 337 (Comm. in brief)
- Nonhuman primate, androgen uptake in female reproductive system of (Weaker and Sheridan), 624
- Nonpregnant uterus, endocrine regulation of uterine blood flow in (Resnik), 151
- Nonstress test(s) evaluation, rapid (Sampson, Thomason, and Work), 467 (Comm. in brief)

Nonstress test(s)-Cont'd

false reactive, in postterm pregnancies (Miyazaki and Miyazaki), 269

Nuchal cord, neck compression by (Williams, Katzman, and Kripke), 345 (Comm. in brief)

Nurse-midwifery practice, San Francisco General Hospital: first thousand births (Mann), 676

-practitioners and physicians, health problems encountered by, in obstetric-gynecologic ambulatory care clinics (Barkaukas et al.), 393

Obstetric(s)-gynecologic ambulatory care clinics, health problems encountered by nurse-practitioners and physicians in (Barkauskas et al.), 393 and gynecology, doctrine of consciousness in (Douglas), 29

genetic counseling and genetic services in: implications for educational goals and clinical practice (Simpson et al.); 70 requisite adaptations in, for 1980s (Parker); 847

outcome and shoe size, correlation of: anthropometric study (Kennedy and Greenwald), 466 (Comm. in brief)

patients, efficacy of type and screen to reduce unnecessary cross matches for (Ness et al.), 661

Office dilatation and curettage, praxeology of (Gregg), 179

Oligomenorrhea and minor müllerian anomalies in infertile women (Stampe Sørensen), 636

Oophorectomy-hysterectomy, sexual response after: recent studies and reconsideration of psychogenesis (Zussman et al.), 725 (Clinical opinion)

Operative management of hydatidiform mole, real-time ultrasound as adjunct in (Evers et al.), 469 (Comm. in brief)

Ovarian cancer, peritoneoscopy in management of (Ozols et al.), 611 edema, massive (Abrams and Salazar), 346 (Comm. in brief)

follicular and luteal function, regulation of, during treatment with exogenous gonadotropins in anovulatory infertility (Yuen, Sy, and Cannon), 629

Ovum recovery and transfer at time of reconstructive tubal surgery: rabbit model (McComb and Halbert), 348 (Comm. in brief) Oxygen tension, fetal transcutaneous, distribution of observed pat-

terns in (Rooth et al.), 693 Oxytocin challenge test and intrauterine growth retardation (Lin et al.), 282

Pacific Coast Obstetrical and Gynecological Society, transactions, forty-seventh annual meeting, 117-232

Paget's disease of vulva with extension into urethra, bladder, and ureters: case report (Lee and Dahlin), 834 (Comm. in brief) Pancreatic function, better prognosis in patients with: pregnancy in cystic fibrosis (Corkey et al.), 737

Papillomavirus antigens, immunoperoxidase localization of, in cervical dysplasia and vulvar condylomas (Kurman et al.), 931

Paracervical block anesthesia, bradycardia in fetal baboon following (Morishima et al.), 775

Pathogenesis of heartburn associated with pregnancy, evidence refuting role for increased abdominal pressure in (Van Thiel and Wald), 420

Patterns, fetal heart rate, in second stage of labor, V. Intrapartum fetal heart rate monitoring (Krebs, Petres, and Dunn), 435

observed, in fetal transcutaneous oxygen tension, distribution of (Rooth et al.), 693 Pelvic endometriosis, extensive, case of, terminating in endometrial

sarcoma (Crum et al.), 718 (Comm. in brief) hernia, enterocele, vaginal prolapse: recognition and treatment

(Ranney), 53 Peptides, immunoreactive, endorphin, and prolactin in umbilical vein and maternal blood (Kimball et al.), 157

Peritoneal fluid thromboxane B_2 and 6-keto-prostaglandin $F_{1\alpha}$ in endometriosis (Drake et al.), 401

Peritoneoscopy in management of ovarian cancer (Ozols et al.), 611 pH electrode, tissue, evaluation of, for fetal monitoring using fetal sheep as experimental model (Fusi et al.), 953 Phosphatidylglycerol, amniotic fluid: potentially useful predictor of

intrauterine growth retardation (Gross et al.), 277
assessing amniotic fluid in vagina for: management of preterm pre-

mature rupture of membranes (Stedman et al.), 34 Photovaporization, laser, of endometrium, for treatment of menorrhagia (Goldrath, Fuller, and Segal), 14

Physician(s) and nurse-practitioners, health problems encountered by, in obstetric-gynecologic ambulatory care clinics (Barkauskas et al.), 393

volunteer practicing, role of, in medical education (Fox), 117

Pituitary adenomas, prolactin-secreting, in women. VI. Absence of demonstrable adenomas in patients with altered menstrual function and abnormal sellar polytomography (Nachtigall et al.), 303

Placenta, chorion, and amnion, human, study of angiotensin II binding sites in (Cooke, Craven, and Symonds), 689

human, evidence for androgen receptor in (McCormick et al.), 8 Placental abscess as cause of fever of unknown origin (Levy), 338 (Comm. in brief)

retention, failure of lactogenesis associated with (Neifert, McDonough, and Neville), 477 (Comm. in brief)

transfer of methylprednisolone following maternal intravenous administration (Anderson, Rotchell, and Kaiser), 699 vascular damage, experimental, fetal metabolic response to (Clapp

et al.), 446 Plasma carnitine in pregnancy (Bargen-Lockner, Hahn, and Wittmann), 412

Plate arteries, human chorionic, effects and interactions of prosta-glandins E₁ and E₂ on (Kitson and Pipkin), 683

Platelets and fibrin in menstrual discharge before and after insertion of intrauterine contraceptive device (Christiaens, Sixma, and Haspels, 793

Pleural effusions, congenital, antenatal diagnosis of (Lange and Manning), 839 (Comm. in brief)

Po2, fetal transcutaneous, relationship of fetal heart rate patterns to (Willcourt et al.), 760

Polytomography, abnormal sellar, and altered menstrual function, absence of demonstrable adenomas in patients with, VI. Prolactin-secreting pituitary adenomas in women (Nachtigall et al.), 303

Postdate pregnancy: utilization of contraction stress testing for primary fetal surveillance (Freeman et al.), 128

Posthysterectomy enterocele and vaginal vault prolapse (Symmonds et al.), 852

Postmenopausal hormone replacement therapy with estrogen periodically supplemented with antiestrogen (Kauppila et al.),

uterine bleeding, colon cancer with (Coleman), 891

Postpartum uterine rupture, delayed, abdominopelvic abscess result-ing from (Duff and Mayer), 711 (Comm. in brief) Postterm pregnancies, false reactive nonstress tests in (Miyazaki and

Miyazaki), 269

Praxeology of office dilatation and curettage (Gregg), 179

Pregnancy (pregnancies), autoimmune hemolytic disease during (Sacks, Platt, and Johnson), 942 campylobacter infections in (Gribble et al.), 423

carbohydrate metabolism in. XVII. Diurnal profiles of plasma glucose, insulin, free fatty acids, triglycerides, cholesterol, and individual amino acids in late normal pregnancy (Phelps, Metzger, and Freinkel), 730

in cystic fibrosis: better prognosis in patients with pancreatic function? (Corkey et al.), 737

early, changes in maternal serum total and free androgen levels in: lack of correlation with fetal sex (Glass and Klein), 656

ectopic, Rh immunoglobulin utilization after (Grimes, Geary, and Hatcher), 246

evidence refuting role for increased abdominal pressure in pathogenesis of heartburn associated with (Van Thiel and Wald), 420

exercise in. I. Maternal cardiovascular and metabolic responses in normal pregnancy (Artal et al.), 123

giardiasis in (Kreutner, Del Bene, and Amstey), 895

human, decrease of vascular angiotensin sensitivity by L-dopa during (Kaulhausen et al.), 671

longitudinal analysis of lymphocyte proliferative responses to mi-togens and antigens during (Gehrz et al.), 665 and hyperparathyroid crisis (Clark, Seeds, and Cefalo), 840 (Comm.

in brief)

late normal, diurnal profiles of plasma glucose, insulin, free fatty acids, triglycerides, cholesterol, and individual amino acids in, XVII. Carbohydrate metabolism in pregnancy (Phelps,

Metzger, and Freinkel), 730 normal, maternal, cardiovascular and metabolic responses in, I. Exercise in pregnancy (Artal et al.), 123

Pregnancy (pregnancies)-Cont'd

outcome and maternal health, effects on: A/NJ/8/76 influenza vaccination program (Deinard and Ogburn), 240

in women exposed to diethylstilbestrol in utero (Sandberg et al.), 194

plasma carnitine in (Bargen-Lockner, Hahn, and Wittmann), 412 postdate: utilization of contraction stress testing for primary fetal surveillance (Freeman et al.), 128

postterm, false reactive nonstress tests in (Miyazaki and Miyazaki), 269

and puerperium, comparative urodynamic studies of continent and stress incontinent women in (Iosif and Ulmsten), 645 scuba diving during: brief review (Newhall), 893

in sheep, multiple hyperbaric exposures during (Nemiroff, Willson, and Kirschbaum), 651

streptococcal infections in (Gibbs and Blanco), 405

vena caval filter placement during (Barnes et al.), 707 (Comm. in brief Pregnant diabetic patient, psychiatric risk factors in (Barglow et al.), 46

ewes, cervical compliance in, effect of prostaglandin E2 on (Stys et al.), 415

rabbit(s), effects of hydroxyurea on hemodynamics of: maternally mediated mechanism of embryotoxicity (Millicovsky et al.),

rabbit, uterine blood flow distribution after indomethacin infusion in (Katz and Creasy), 430

Premature labor, amniotic fluid infection as determined by transabdominal amniocentesis in patients with intact membranes in (Bobitt, Hayslip, and Damato), 947

rupture of membranes, conservative management of (Varner and Galask), 39

preterm, management of: assessing amniotic fluid in vagina for phosphatidylglycerol (Stedman et al.), 34

Prenatal diagnosis, late, potential indication for: high cesarean section rate in trisomy 18 births (Schneider, Mennuti, and Zackai), 367 (Clinical opinion)

Pressure, increased abdominal, evidence refuting role for, in pathogenesis of heartburn associated with pregnancy (Van Thiel and Wald, 420

Preterm premature rupture of membranes, management of: assessing amniotic fluid in vagina for phosphatidylglycerol (Stedman et al.), 34

Primate, endotoxic shock in: effects of aspirin and dipyridamole administration (Rao, Cavanagh, and Gaston), 914

nonhuman, androgen uptake in female reproductive system of (Weaker and Sheridan), 624

Profile(s), amniotic fluid lung maturity, comparison of, in paired vaginal and amniocentesis specimens (Dombroski, Mackenna, and Brame), 461

scoring, fetal biophysical: prospective study in 1,184 high-risk patients (Manning et al.), 289

Progesterone and estradiol receptors in estrogen-primed endome-trium (Natrajan et al.), 387

Prognosis, better, in patients with pancreatic function: pregnancy in cystic fibrosis (Corkey et al.), 737

and clinical stage classification, histologic stromal reaction of host with gestational choriocarcinoma and its relation to (Ito et al.), 781

Project, Forsyth County, report of: maternal serum alpha-fetoprotein screening (Gardner, Burton, and Johnson), 250

Prolactin and immunoreactive endorphin peptides in umbilical vein and maternal blood (Kimball et al.), 157
-secreting pituitary adenomas in women. VI. Absence of demon-

strable adenomas in patients with altered menstrual function and abnormal sellar polytomography (Nachtigall et al.),

Prolapse, vaginal, enterocele, pelvic hernia: recognition and treatment (Ranney), 53

vault, and enterocele, posthysterectomy (Symmonds et al.), 852 Proliferations, atypical epithelial, in fallopian tube (Stern et al.), 309

Proliferative responses, lymphocyte, to mitogens and antigens during human pregnancy, longitudinal analysis of (Gehrz et al.),

Prostaglandin(s) E1 and E2, effects and interactions of, on human chorionic plate arteries (Kitson and Pipkin), 683

E2, effect of, on cervical compliance in pregnant ewes (Stys et al.), 415

vaginal, third-trimester uterine rupture associated with (Sawyer et al.), 710 (Comm. in brief)

Prostaglandin(s)-Cont'd

inhibitors, primary dysmenorrhea treatment with: review (Dingfelder) 874

Psychiatric risk factors in pregnant diabetic patient (Barglow et al.), 46 Psychogenesis, recent studies and reconsideration of: sexual response after hysterectomy-oophorectomy (Zussman et al.), 725 (Clinical opinion)

Puerperium and pregnancy, comparative urodynamic studies of continent and stress incontinent women in (Iosif and Ulmsten), 645

Quadriplegia, intrauterine, associated with breech presentation and hyperextension of fetal head: case report (Cattamanchi et al.), 831 (Comm. in brief)

Radical hysterectomy, patterns of recurrence of carcinoma following (Figge and Tamimi), 213 surgery in management of clear cell adenocarcinoma of cervix and

vagina in young women (Hill and Galante), 221

Rate, high cesarean section, in trisomy 18 births: potential indication for late prenatal diagnosis (Schneider, Mennuti, and Zac-kai), 367 (Clinical opinion)

monitoring, intrapartum fetal heart. V. Fetal heart rate patterns in second stage of labor (Krebs, Petres, and Dunn), 435

pattern(s), fetal heart, relationship of, to fetal transcutaneous Po2 (Willcourt et al.), 760

unusual fetal heart, associated with severe neonatal asphyxia and death (Serafini et al.), 715 (Comm. in brief) variability, fetal heart, and uterine activity, effect of magnesium sul-

fate on (Stallworth, Yeh, and Petrie), 702 Ratio, lecithin/sphingomyelin, effect of corticosteroids on, in rhesus

monkey (Socol et al.), 708 (Comm. in brief) Real-time ultrasonographic, maternal, and tocodynamometric assessment of fetal movement, comparison between (Sorokin et al.), 456

ultrasound as adjunct in operative management of hydatidiform mole (Evers et al.), 469 (Comm. in brief)

Receptor(s), androgen, in human placenta, evidence for (McCormick et al.), 8

binding, estradiol, estrogenic and antiestrogenic effects of danazol administration in studies of (Musich, Behrman, and Menon),

estradiol and progesterone, in estrogen-primed endometrium (Natrajan et al.), 387

Reconstructive tubal surgery, ovum recovery and transfer at time of: rabbit model (McComb and Halbert), 348 (Comm. in brief)

Recovery and transfer, oyum, at time of reconstructive tubal surgery rabbit model (McComb and Halbert), 348 (Comm. in brief) Reformation (Evans), 1

Reproductive system, female, of nonhuman primate, androgen uptake in (Weaker and Sheridan), 624

Retardation, intrauterine growth, and oxytocin challenge test (Lin et al.). 282

potentially useful predictor of: amniotic fluid phosphatidylglycerol (Gross et al.), 277

Retention, placental, failure of lactogenesis associated with (Neifert, McDonough, and Neville), 477 (Comm. in brief) Retraining drills, bladder, use of, with and without anticholinergics:

detrusor instability syndrome (Fantl, Hurt, and Dunn), 885
Retropubic urethrocystopexy: vaginal approach (Powell), 91
urethropexy, urodynamic effects of, in genuine stress incontinence

(Bhatia and Ostergard), 936 Rh immunoglobulin utilization after ectopic pregnancy (Grimes,

Geary, and Hatcher), 246 isoimmunization: 24 year experience at Duke University Medical

Center (Gall and Miller), 902 Risk(s) factors, psychiatric, in pregnant diabetic patient (Barglow et al.), 46

incidence, and indications, changing, 15-year review of: cesarean section (Amirikia, Zarewych, and Evans), 81 increased, for infants with low birth weight, antenatal prediction of

women at (Gaziano, Freeman, and Allen), 99

Rupture, delayed postpartum uterine, abdominopelvic abscess resulting from (Duff and Mayer), 711 (Comm. in brief)

of membranes, preterm premature, management of: assessing amniotic fluid in vagina for phosphatidylglycerol (Stedman et al.), 34

Rupture-Cont'd

premature, of membranes, conservative management of (Varner and Galask), 39

third-trimester uterine, associated with vaginal prostaglandin E2 (Sawyer et al.), 710 (Comm. in brief)

Sacral colpopexy, life-threatening hemorrhage complicating (Sutton et al.), 836 (Comm. in brief)

San Francisco General Hospital nurse-midwifery practice: first thousand births (Mann), 676

Sarcoma, endometrial, case of extensive pelvic endometriosis terminating in (Crum et al.), 718 (Comm. in brief)

Score, Apgar, and electronic fetal monitoring, relationship between (Neutra, Greenland, and Friedman), 440

Scoring, fetal biophysical profile: prospective study in 1,184 high-risk patients (Manning et al.), 289
Screen, type and, efficacy of, to reduce unnecessary cross matches for obstetric patients (Ness et al.), 661

Scuba diving during pregnancy: brief review (Newhall), 893

Seat stool, bicycle, in treatment of vaginal agenesis and stenosis: preliminary report (Ingram), 867

Sellar polytomography, abnormal, and altered menstrual function, ab-sence of demonstrable adenomas in patients with, VI. Prolactin-secreting pituitary adenomas in women (Nachtigall et al.), 303

Sensitivity, vascular angiotensin, decrease of, by L-dopa during human pregnancy (Kaulhausen et al., 671

Serum alpha-fetoprotein screening, maternal: report of Forsyth County Project (Gardner, Burton, and Johnson), 250 free testosterone levels, daily and circadian variations in, are not

clinically significant (Strickler et al.), 317 steroid levels in children at birth and in early neonatal period

(Kojima, Yanaihara, and Nakayama), 961 total and free androgen levels, maternal, in early pregnancy, changes in: lack of correlation with fetal sex (Glass and

Klein), 656 Services and counseling, genetic, in obstetrics and gynecology: implications for educational goals and clinical practice (Simpson

et al.), 70 Sex, fetal, lack of correlation with: changes in maternal serum total and free androgen levels in early pregnancy (Glass and Klein),

Sexual development, delayed: study of 252 patients (Reindollar, Byrd, and McDonough), 371

response after hysterectomy-oophorectomy: recent studies and reconsideration of psychogenesis (Zussman et al.), 725 (Clinical opinion)

Shock, endotoxic, in primate: effects of aspirin and dipyridamole administration (Rao, Cavanagh, and Gaston), 914

Shoe size and obstetric outcome, correlation of: anthropometric study (Kennedy and Greenwald), 466 (Comm. in brief)

Size, shoe, and obstetric outcome, correlation of: anthropometric study (Kennedy and Greenwald), 466 (Comm. in brief)
Socioeconomic status and hormonal events in earlier life, effect of, on

age at menopause (Ernster and Petrakis), 471 (Comm. in brief

South Atlantic Association of Obstetricians and Gynecologists, transactions, forty-third annual meeting, 847-930

Specimens, paired vaginal and amniocentesis, comparison of amniotic fluid lung maturity profiles in (Dombroski, Mackenna, and Brame), 461

Spermatozoa, human, interaction of, with cervical mucus in vivo (Hanson and Overstreet), 173

Spider bite, Loxosceles reclusa: consideration in differential diagnosis of chronic, nonmalignant ulcers of vulva (Magrina and Masterson), 341 (Comm. in brief)

Squamous cell carcinoma, human cervical, antigenicity and immunology of: review (McCoy and Haines), 329 (Current developments)

cervical intraepithelial neoplasia, effect of condom use on (Richardson and Lyon), 909

Stage classification, clinical, and prognosis, histologic stromal reaction of host with gestational choriocarcinoma and its relation to (Ito et al.), 781

second, of labor, fetal heart rate patterns in, V. Intrapartum fetal heart rate monitoring (Krebs, Petres, and Dunn), 435 Statistical tool: Apgar index (Jennett et al.), 206

Stenosis and agenesis, vaginal, bicycle seat stool in treatment of: preliminary report (Ingram), 867

Sterilization, tubal, impact of laparoscopy on, in United States hospi-tals, 1970 and 1975 to 1978 (Peterson et al.), 811 Steroid levels, serum, in children at birth and in early neonatal period

(Kojima, Yanaihara, and Nakayama), 961 Stool, bicycle seat, in treatment of vaginal agenesis and stenosis: pre-liminary report (Ingram), 867

Streptococcal infections in pregnancy (Gibbs and Blanco), 405 Streptococci, group B, cyclic variation in adherence of, to human vagi-

nal epithelial cells (Zawaneh et al.), 381 Stress incontinence, genuine, urodynamic effects of retropubic urethropexy in (Bhatia and Ostergard), 936

incontinent and continent women, comparative urodynamic studies of, in pregnancy and in puerperium (losif and Ulmsten),

testing, contraction, utilization of, for primary fetal surveillance:

postdate pregnancy (Freeman et al.), 128 Stromal reaction, histologic, of host with gestational choriocarcinoma and its relation to clinical stage classification and prognosis (Ito et al.), 781

Students, college, menstrual disorders in (Singh), 299

Sudden infant death syndrome, rat model with implications for: maternal nicotine administration and fetal brain stem damage (Krous et al.), 743

Surgery, radical, in management of clear cell adenocarcinoma of cervix and vagina in young women (Hill and Galante), 221

reconstructive tubal, ovum recovery and transfer at time of: rabbit model (McComb and Halbert), 348 (Comm. in brief) Surgical approach to multifocal carcinoma in situ of vulva (De Saia and

Rich), 136 Surveillance, primary fetal, utilization of contraction stress testing for: postdate pregnancy (Freeman et al.), 128

Syndrome, detrusor instability: use of bladder retraining drills with and without anticholinergics (Fantl, Hurt, and Dunn), 885 sudden infant death, rat model with implications for: maternal nicotine administration and fetal brain stem damage (Krous et al.), 743

Tension, fetal transcutaneous oxygen, distribution of observed patterns in (Rooth et al.), 693

Test(s) evaluation, rapid nonstress (Sampson, Thomason, and Work), 467 (Comm. in brief)

false reactive nonstress, in postterm pregnancies (Miyazaki and Miyazaki), 269

nitrite, and microscopic urinalysis, efficacy of, in predicting urine culture results (Lenke and Van Dorsten), 427

oxytocin challenge, and intrauterine growth retardation (Lin et al.), 282

Testing, contraction stress, utilization of, for primary fetal surveillance: postdate pregnancy (Freeman et al.), 128 Testosterone levels, serum free, daily and circadian variations in, are

not clinically significant (Strickler et al.), 317 Therapy, postmenopausal hormone replacement, with estrogen peri-

odically supplemented with antiestrogen (Kauppila et al.), 787

Thoracic endometriosis: review and report of two cases (Hibbard, Schumann, and Goldstein), 227 Thromboxane B_2 and 6-keto-prostaglandin $F_{1\alpha}$, peritoneal fluid, in

endometriosis (Drake et al.), 401 Tissue pH electrode, evaluation of, for fetal monitoring using fetal

sheep as experimental model (Fusi et al.), 953 Titers, antisperm antibody, and immunoglobulin E levels in infertile

couples (Mathur et al.), 923 Tocodynamometric, maternal, and real-time ultrasonographic as-sessments of fetal movement, comparison between (Sorokin

et al.), 456 Tomography, computed, antenatal evaluation of fetal hydrocephalus

with (Patterson et al.), 344 (Comm. in brief)

Transactions, forty-eighth annual meeting, Central Association of Ob-stetricians and Gynecologists, 1-116 forty-seventh annual meeting, Pacific Coast Obstetrical and Gynecological Society, 117-232

forty-third annual meeting, South Atlantic Association of Obstetri-

cians and Gynecologists, 847-930 Transcutaneous oxygen tension, fetal, distribution of observed pat-terns in (Rooth et al.), 693

- Transfer, placental, of methylprednisolone following maternal intravenous administration (Anderson, Rotchell, and Kaiser),
- and recovery, ovum, at time of reconstructive tubal surgery: rabbit model (McComb and Halbert), 348 (Comm. in brief)
- Triglycerides, plasma glucose, insulin, free fatty acids, cholesterol, and individual amino acids, diurnal profiles of, in late normal pregnancy, XVII. Carbohydrate metabolism in pregnancy (Phelps, Metzger, and Freinkel), 730 Trisomy 18 births, high cesarean section rate in: potential indication
- for late prenatal diagnosis (Schneider, Mennuti, and Zackai), 367 (Clinical opinion)
- Trophoblastic neoplasia, gestational, improved monitoring of, using highly sensitive assay for urinary human chorionic gonadotropin (Wehmann et al.), 753
- Trophoblasts, human chorionic, decidual cells, and macrophages: histochemical and electron microscopic study (Nehemiah et al.), 261
- Tubal isolation, congenital: case report (Falk, Nemiro, and Rifka), 837 (Comm. in brief)
- sterilization, impact of laparoscopy on, in United States hospitals, 1970 and 1975 to 1978 (Peterson et al.), 811
- surgery, reconstructive, ovum recovery and transfer at time of: rabbit model (McComb and Halbert), 348 (Comm. in brief)
- Tube, fallopian, atypical epithelial proliferations in (Stern et al.), 309 Twin, one monozygotic, intrauterine amputation in, associated with amniotic band: case report (Kancherla et al.), 347 (Comm. in brief)
- Type and screen, efficacy of, to reduce unnecessary cross matches for obstetric patients (Ness et al.), 661
- Ulcers, chronic nonnalignant, of vulva, consideration in differential diagnosis of: Loxosceles reclusa spider bite (Magrina and Masterson), 341 (Comm. in brief)
- Ultrasonographic, real-time, maternal, and tocodynamometric assessments of fetal movement, comparison between (Sorokin et al.), 456
- Ultrasonography, in utero diagnosis of umbilical cord hematoma by (Rubinsky et al.), 833 (Comm. in brief)
- Ultrasound, real-time, as adjunct in operative management of hydatidiform mole (Evers et al.), 469 (Comm. in brief)
- Umbilical cord hematoma, in utero diagnosis of, by ultrasonography (Rubinsky et al.), 833 (Comm. in brief) vein and maternal blood, immunoreactive endorphin peptides and
- prolactin in (Kimball et al.), 157 United States hospitals, impact of laparoscopy on tubal sterilization in,
- 1970 and 1975 to 1978 (Peterson et al.), 811 Uptake, androgen, in female reproductive system of nonhuman pri-
- mate (Weaker and Sheridan), 624 Ureters, urethra, and bladder, Paget's disease of vulva with extension
- into: case report (Lee and Dahlin), 834 (Comm. in brief) Urethra, bladder, and ureters, Paget's disease of vulva with extension
- into: case report (Lee and Dahlin), 834 (Comm. in brief)
- Urethrocystopexy, retropubic: vaginal approach (Powell), 91 Urethropexy, retropubic, urodynamic effects of, in genuine stress in-continence (Bhatia and Ostergard), 936
- Urinalysis, microscopic, and nitrite test, efficacy of, in predicting urine culture results (Lenke and Van Dorsten), 427
- Urinary human chorionic gonadotropin, improved monitoring of gestational trophoblastic neoplasia using highly sensitive assay for (Wehmann et al.), 753
- Urine culture results, efficacy of nitrite test and microscopic urinalysis
- in predicting (Lenke and Van Dorsten), 427 Urodynamic effects of retropubic urethropexy in genuine stress incontinence (Bhatia and Ostergard), 936 studies, comparative, of continent and stress incontinent women in
- pregnancy and in puerperium (Iosif and Ulmsten), 645 Uterine activity and fetal heart rate variability, effect of magnesium
 - sulfate on (Stallworth, Yeh, and Petrie), 702 spontaneous, measurement of, in antenatal patient (Bell), 713 (Comm. in brief)

- Uterine-Cont'd
- bleeding, postmenopausal, colon cancer with (Coleman), 891 blood flow distribution after indomethacin infusion in pregnant
 - rabbit (Katz and Creasy), 430 endocrine regulation of, in nonpregnant uterus: review (Res-
- nik), 151 rupture, delayed postpartum, abdominopelvic abscess resulting from (Duff and Mayer), 711 (Comm. in brief)
- third-trimester, associated with vaginal prostaglandin E2 (Sawyer et al.), 710 (Comm. in brief)
- Uterus, nonpregnant, endocrine regulation of uterine blood flow in (Resnik), 151

- Vaccination program, A/NJ/8/76 influenza: effects on maternal health and pregnancy outcome (Deinard and Ogburn), 240
- Vagina(s), amniotic fluid in, assessing, for phosphatidylglycerol: management of preterm premature rupture of membranes (Stedman et al.), 34
- and cervix, clear cell adenocarcinoma of, radical surgery in management of, in young women (Hill and Galante), 221
- of women with and without intrauterine contraceptive devices, actinomyces in (Curtis and Pine), 880
- Vaginal agenesis and stenosis, bicycle seat stool in treatment of: preliminary report (Ingram), 867
 - and amniocentesis specimens, paired, comparison of amniotic fluid lung maturity profiles in (Dombroski, Mackenna, and Brame), 461
 - approach: retropubic urethrocystopexy (Powell), 91
 - epithelial cells, human, cyclic variation in adherence of group B streptococci to (Zawaneh et al.), 381
 - lesion, bleeding, as presenting sign of hypernephroma (Deprez, Hunter, and Hopkins), 709 (Comm. in brief)
 - prolapse, enterocele, pelvic hernia: recognition and treatment (Ranney), 53
- prostaglandin E₂, third-trimester uterine rupture associated with (Sawyer et al.), 710 (Comm. in brief) vault prolapse and enterocele, posthysterectomy (Symmonds et al.),
- Vascular angiotensin sensitivity, decrease of, by L-dopa during human pregnancy (Kaulhausen et al.), 671
- damage, experimental placental, fetal metabolic response to (Clapp et al.), 446 Vault prolapse, vaginal, and enterocele, posthysterectomy (Symmonds
- et al.), 852
- Vein, umbilical, and maternal blood, immunoreactive endorphin peptides and prolactin in (Kimball et al.), 157
- Vena caval filter placement during pregnancy (Barnes et al.), 707 (Comm. in brief)
- Volunteer practicing physician, role of, in medical education (Fox),
- Vulva, chronic nonmalignant ulcers of, consideration in differential diagnosis of: Loxosceles reclusa spider bite (Magrina and Masterson), 341 (Comm. in brief)
 - multifocal carcinoma in situ of, surgical approach to (Di Saia and Rich), 136
- Paget's disease of, with extension into urethra, bladder, and ureters: case report (Lee and Dahlin), 834 (Comm. in brief)
- Vulvar cancer, early, femoral node metastases with negative superficial inguinal nodes in (Chu, Tamimi, and Figge), 337 (Comm. in brief)
 - condylomas and cervical dysplasia, immunoperoxidase localization of papillomavirus antigens in (Kurman et al.), 931

- Weight, low birth, antenatal prediction of women at increased risk for infants with (Gaziano, Freeman, and Allen), 99
 - infants (750 to 1,500 grams), outcome in: report of 164 cases managed at Children's Hospital, San Francisco, California (Peacock and Hirata), 165

Editors

JOHN 1. BREWER, Editor in Chief

FREDERICK P. ZUSPAN, E. J. QUILLIGAN, Editors

ALBERT B. GERBIE, Associate Editor

HOWARD C. TAYLOR, JR., ALLAN C. BARNES, Emeritus Editors

Advisory committee on policy

C. D. Christian

Leo J. Dunn

David Figge

Fred T. Given

A. Brian Little

Edgar L. Makowski

George D. Malkasian

Roy T. Parker

W. Ann Reynolds

J. C. G. Whetham

Board of corresponding editors

Oscar Aguero, Caracas Frederick Kubli, Heidelberg Pierre O. Hubinont, Brussels Malcolm Symonds, Nottingham Ichiro Taki, Fukuoka

Volume 141 September-December, 1981 The C. V. Mosby Company St. Louis 1981 in addition to those listed on the front cover the Journal is the official publication of the following societies

0

NEW YORK OBSTETRICAL SOCIETY OBSTETRICAL SOCIETY OF PHILADELPHIA **BROOKLYN GYNECOLOGICAL SOCIETY** ST. LOUIS GYNECOLOGICAL SOCIETY NEW ORLEANS GYNECOLOGICAL AND OBSTETRICAL SOCIETY THE OBSTETRICAL AND GYNECOLOGICAL SOCIETY OF MARYLAND CHICAGO GYNECOLOGICAL SOCIETY CINCINNATI OBSTETRICAL AND GYNECOLOGICAL SOCIETY WASHINGTON GYNECOLOGICAL SOCIETY PITTSBURGH OBSTETRICAL AND GYNECOLOGICAL SOCIETY BOSTON OBSTETRICAL SOCIETY LOUISVILLE OBSTETRICAL AND GYNECOLOGICAL SOCIETY SEATTLE GYNECOLOGICAL SOCIETY ALABAMA ASSOCIATION OF OBSTETRICIANS AND GYNECOLOGISTS AKRON OBSTETRICAL AND GYNECOLOGICAL SOCIETY KANSAS CITY GYNECOLOGICAL SOCIETY CENTRAL NEW YORK ASSOCIATION OF GYNECOLOGISTS AND OBSTETRICIANS

NEW JERSEY OBSTETRICAL AND GYNECOLOGICAL SOCIETY IOWA OBSTETRIC AND GYNECOLOGIC SOCIETY THE TEXAS ASSOCIATION OF OBSTETRICIANS AND GYNECOLOGISTS OKLAHOMA CITY OBSTETRICAL AND GYNECOLOGICAL SOCIETY MEMPHIS OBSTETRICAL AND GYNECOLOGICAL SOCIETY UTAH OBSTETRICAL AND GYNECOLOGICAL SOCIETY ROCHESTER OBSTETRICAL AND GYNECOLOGICAL SOCIETY ARKANSAS OBSTETRICAL AND GYNECOLOGICAL SOCIETY TENNESSEE STATE OBSTETRICAL AND GYNECOLOGICAL SOCIETY NEW YORK GYNECOLOGICAL SOCIETY PACIFIC NORTHWEST OBSTETRICAL AND GYNECOLOGICAL ASSOCIATION BUFFALO OBSTETRICAL AND GYNECOLOGICAL SOCIETY SAN FRANCISCO GYNECOLOGICAL SOCIETY JACKSON GYNECIC SOCIETY INDIANA OBSTETRICAL AND GYNECOLOGICAL SOCIETY THE MINNESOTA OBSTETRICAL AND GYNECOLOGICAL SOCIETY

Volume 141 Copyright © 1981 by The C. V. Mosby Company (All rights reserved)

Printed in the United States of America

Index to volume 141

Author index*

A

ABERNATHY, JAMES R. (see WADE ET AL.), 368

ABRAHAM, E. C. (see FADEL and ABRAHAM), 704

ABRAHAM, MARILYN (see LIN ET AL.), 671

ABRAMOWSKY, CARLOS R. (see REDLINE and ABRAMOWSKY), 468

ACKER, DAVID (see KITZMILLER ET AL.), 741

AGRESS, RICHARD L., and BENEDETTI, THOMAS J. Intrauterine fetal death during cervical ripening with laminaria, 587 (Comm. in brief)

AKSEL, SEZER. On the correlation of luteinizing hormone-releasing hormone, luteinizing hormone, follicle-stimulating hormone, and prolactin levels in plasma of women with normal menstrual cycles, 362

AL-AWQATI, M. (see GRUDZINSKAS ET AL.), 425

ALBRICH, WERNER (see RICHTER and ALBRICH), 811

AMANKWAH, KOFI S. (see KAUFMANN ET AL.), 479

ÄMMÄLÄ, PIRKKO, and KARINIEMI, VEIKKO. Short-term variability of fetal heart rate in cholestasis of pregnancy, 217

Anderson, Gerald G. (see Braly et al.), 5 Anderson, I. (see Wood et al.), 527

ANDREWS, DIANA (see MOESSINGER ET AL.), 588 ARBUTHNOT, JANE (see KAUFMANN ET AL.), 479

Archer, David F., Harger, James H., Moore, Edward E., and Hough, Linda J. Validity of hypothalamic-pituitary testing in hyperprolactinemia: Prolactin responses to insulin hypoglycemia and arginine, 556

ARIAS, FERNANDO (see DIAZ-ZAGOYA and ARIAS), 637

ARTAL, RAUL (see GRATACOS ET AL.), 611

-(see JORGE ET AL.), 641

ASSALI, N. S., NUWAYHID, B., BRINKMAN, C. R., III, TABSH, K., ERK-KOLA, R., and USHIODA, E. Autonomic control of the pelvic circulation: In vivo and in vitro studies in pregnant and nonpregnant sheep, 873

(see ERKKOLA ET AL.), 599

ÅSTEDT, BIRGER (see IOSIF ET AL.), 817

AUBRY, RICHARD H. (see YAMBAO ET AL.), 191

AULETTA, FREDERICK (see Helvacioglu, Auletta, and Scommegna), 138

AYERS, JONATHAN W. T. (see BEER ET AL.), 987 AZIZI, FREIDOON (see HERBST ET AL.), 1019

AZNAR, R. (see SHAW ET AL.), 821

BABAKNIA, ARI (see DIVERS ET AL.), 608, 625

BAIRD, JAMES N., JR. Eclampsia in a lowland gorilla, 345 (Comm. in

BAKER, GLEN F. (see DMOWSKI, STEELE, and BAKER), 377

BAKER, HERMAN, FRANK, OSCAR, DEANGELIS, BARBARA, FEINGOLD, SU-SAN, and KAMINETZKY, HAROLD A. Role of placenta in maternal-fetal vitamin transfer in humans, 792

BAN, CHIAKI (see FUJII ET AL.), 840

BARBIERI, ROBERT L., and RYAN, KENNETH J. Danazol: Endocrine pharmacology and therapeutic applications, 453 (Current developments)

-(see PODLAS ET AL.), 225

BARDEN, TOM P. (see LAVIN, BARDEN, and MIODOVNIK), 491

BARRETT, JEFFREY M., BOEHM, FRANK H., and KILLAM, ALLEN P. Induced abortion: A risk factor for placenta previa, 769

SALYER, SHERON L., and BOEHM, FRANK H. The nonstress test: An evaluation of 1,000 patients, 153

and -. Variable decelerations on nonstress test of monoamniotic twins, 583 (Comm. in brief)

BATRA, SATISH (see IOSIF ET AL.), 817 BECK, JEANNE C. (see CAVALIERI ET AL.), 652

-(see JOHNSON ET AL.), 1053

-(see KHOUZAMI ET AL.). 212

BEER, ALAN E., QUEBBEMAN, JAMES F., AYERS, JONATHAN W. T., and HAINES, RICHARD F. Major histocompatibility complex antigens, maternal and paternal immune responses, and chronic habitual abortions in humans, 987

BEISCHER, N. (see WOOD ET AL.), 527

Belizán, José M., Pineda, Oscar, Sainz, Eduardo, Menendez, L.
Annabella, and Villar, Jose. Rise of blood pressure in calcium-deprived pregnant rats, 163

BELLINA, JOSEPH H., WRIGHT, V. C., VOROS, JANOS I., RIOPELLE, M. A., and HOHENSCHUTZ, V. Carbon dioxide laser management of cervical intraepithelial neoplasia, 828

BENEDETTI, THOMAS J. (see Agress and Benedetti), 587

BENVENISTE, ROBERT, and SCOMMEGNA, ANTONIO. Human chorionic gonadotropin α-subunit in pregnancy, 952

BERKOWITZ, RICHARD L. (see DE VORE ET AL.), 464

Besch, N. F. (see Younes, Besch, and Besch), 170 Besch, P. K. (see Younes, Besch, and Besch), 170

BETZ, G., MILLER, H. H., and HALES, D. B. Actions of danazol in vivo on cytochrome P-450 and steroidogenic enzymes in rat testis and liver microsomal preparations, 962

BHAKTHAVATHSALAN, AMRUTHA, MANN, LEON I., TANG, LILY C., ERICKSON, NOELEEN D., DELAMATER, PAUL V., and DAMM, CHRISTEN. The effects of fetal thyroidectomy during the second trimester in the ovine fetus, 436

BILEK, ALENA (see LAUERSEN ET AL.), 521

BISHOP, EDWARD H. Fetal acceleration test, 905

BLANC, WILLIAM A. (see MOESSINGER ET AL.), 588

Blessing, John (see Creasman et al.), 921 Bloom, Arthur (see Moessinger et al.), 588

BLIX, PETRA M. (see LIN ET AL.), 671

BOEHM, FRANK H., ESTES, WRAY, WRIGHT, PETER F., and GROWDON, JAMES F., JR. Management of genital herpes simplex virus

infection occurring during pregnancy, 735 —(see Barrett, Военм, and Killam), 769

(see BARRETT, SALYER, and BOEHM), 153, 583

BOGAERT, CHRISTIANE (see KIRKPATRICK ET AL.), 195

^{*}September 1, 1-114; September 15, 115-236; October 1, 237-358; October 15, 359-478; November 1, 479-598; November 15, 599-728; December 1, 729-852; December 15, 853-1096.

BOVING, RENEE L. (see EVANS, POLAND, and BOVING), 910

Bowes, Watson A., Jr. A review of perinatal mortality in Colorado, 1971 to 1978, and its relationship to the regionalization of perinatal services, 1045

BOYD, CURTIS (see CATES ET AL.), 346

BRADLEY, SUSAN (see MACKENZIE, BRADLEY, and EMBREY), 158

Braly, Patricia S., Freeman, Roger K., Garite, Thomas J., Anderson, Gerald G., and Dorchester, Wendy. Incidence of premature delivery following the oxytocin challenge test, 5

-(see GARITE ET AL.), 508 Brand, Ludwig (see Cavalieri et al.), 652

BRAUNSTEIN, GLENN D. (see WADE ET AL.), 368 BRENT, ROBERT L. (see WILSON and BRENT), 567

BRINKMAN, CHARLES R., III. Experimental renal hypertension in pregnant sheep. II. Response to a one-kidney model, 895

-(see Assali et al.), 873 -(see Erkkola et al.), 599

BROEKHOVEN, L. (see Low et al.), 941

BROWN, D. JEANETTE (see SCHWARTZ ET AL.), 294

Brown, Elizabeth R. (see Kitzmiller et al.), 741

Brown, Robert, and Patrick, John. The nonstress test: How long is enough? 646

Brown, S. (see WITTMANN ET AL.), 807

BRUCE, SAMUEL L., MORISHIMA, HISAYO O., PETRIE, ROY H., SAKUMA, KAORI, DANIEL, SALHA S., and YEH, SZE-YA. Response of ovine uterine blood flow to angiotensin II: Effect on the fetus, 495 BUCHSBAUM, HERBERT J. (see PHILLIPS, BUCHSBAUM, and LIFSHITZ),

1038

BUDNICK, LAWRENCE D. (see PAKTER and BUDNICK), 227 BURTON, ANTHONY (see McCarthy et al.), 252

BUTCH, SUZANNE H. (see LAFERLA, BUTCH, and COOLEY), 581

BYRNE, JULIANNE (see MOESSINGER ET AL.), 588

CANNON, WENDY (see Ho YUEN ET AL.), 483

CARSON, SANDRA ANN, GATLIN, ALWYN, and MAZUR, MICHAEL. Appendiceal perforation by Copper-7 intrauterine contraceptive device, 586 (Comm. in brief)

Carter, Randy (see Notelovitz et al.), 71
Cates, Willard, Jr., Boyd, Curtis, Halvorson-Boyd, Glenna,
Holck, Susan, and Gilchrist, Thomas F. Death from amniotic fluid embolism and disseminated intravascular coagulation after a curettage abortion, 346 (Comm. in brief)

—(see Guidotti, Grimes, and Cates), 257 —(see Peterson et al.), 763

CATZ, CHALOTTE (see WALD ET AL.), 1

CAUDLE, MICHAEL R. (see THIAGARAJAH ET AL.), 20

CAVALIERI, RALPH L., BECK, JEANNE C., BRAND, LUDWIG, MITZNER, WAYNE, LONDON, W. T., and JOHNSON, JOHN W. C. The rela-tionship of amniotic fluid fluorescence polarization to neonatal lung function, 652

-(see JOHNSON ET AL.), 1053

CECCACCI, LUIGI, and CLANCY, GEORGE. Endometrial ossification: Report of an additional case, 103 (Comm. in brief) Chao, Solan (see Regan, Chao, and James), 184

Chapler, Frederick K. (see Luciano et al.), 723 Chapman, Michael G., O'Shea, Robert T., Jones, Warren R., and HILLIER, ROBYN. Pregnancy-specific β₁-glycoprotein as a screening test for at-risk pregnancies, 499

CHARD, T. (see GRUDZINSKAS ET AL.), 425 CHARLES, DAVID, and EDWARDS, WILLIAM R. Infectious complications

of cerv'cal cerclage, 1065 CHENG, E. (see LUTHY ET AL.), 350

CHERVENAK, FRANK A., and NEUWIRTH, ROBERT S. Hysteroscopic resection of the uterine septum, 351 (Comm. in brief)

—(see Romero et al.), 839 Chow, Anthony W. (see Sorrell, Marshall, and Chow), 242

(see SORRELL ET AL.), 246

Chow, Chih-Lung, and Liu, Te-Lin. Assessment of fetal maturity by amniotic fluid analysis: A retrospective and prospective study, 466 (Comm. in brief) CLANCY, GEORGE (see CECCACCI and CLANCY), 103

CLAPP, JAMES F., III, MANN, LEON I., PERESS, NANCY S., and SZETO, HAZEL H. Neuropathology in the chronic fetal lamb preparation: Structure-function correlates under different environmental conditions, 973

CLARK, DAVID (see YAMBAO ET AL.), 191

CLARK, KENNETH E. (see Klein et al.), 448 CLEARY, ROBERT E. (see EHRLICH, YOUNG, and CLEARY), 539 CLEWLOW, F. (see QUILLIGAN ET AL.), 271

COLLABORATIVE GROUP ON ANTENATAL STEROID THERAPY. Effect of antenatal dexamethasone administration on the prevention of

respiratory distress syndrome, 276
COLLINS, J. A. (see STAVRAKY, COLLINS, and DONNER), 547

COLLIPP, PLATON J. (see PALEKAR ET Al.), 788

COOLEY, JOHN R. (see LAFERLA, BUTCH, and COOLEY), 581 COONE, LEAH (see NOTELOVITZ ET Al.), 71, 149

COTTON, DAVID B., STRASSNER, HOWARD T., LIPSON, LOREN G., and GOLDSTEIN, DAVID A. The effects of terbutaline on acid base, serum electrolytes, and glucose homeostasis during the man-

agement of preterm labor, 617

CREASMAN, WILLIAM T., DISAIA, PHILIP J., BLESSING, JOHN, WILKINSON, ROBERT H., JR., JOHNSTON, WILLIAM, and WEED, JOHN C., JR. Prognostic significance of peritoneal cytology in patients with endometrial cancer and preliminary data concerning therapy with intraperitoneal radiopharmaceuticals, 921

Cronholm, L. S. (see Melvin et al.), 25 Cuckle, Howard S. (see Wald et al.), 1 Cumming, David C. (see Schwartz et al.), 662

CUNNINGHAM, F. GARY (see GILSTRAP ET AL.), 709

DAIKOKU, N. (see KHOUZAMI ET AL.), 205

DAMM, CHRISTEN (see BHAKTHAVATHSALAN ET AL.), 436

DANCIS, JOSEPH, KAMMERMAN, SUSAN, JANSEN, VALERIE, SCHNEIDER, HENNING, and LEVITZ, MORTIMER. Transfer of urea, sodium, and chloride across the perfused human placenta, 677 Daniel, Salha S. (see Bruce et al.), 495

(see YEH ET AL.), 682

DANZER, HAL C. (see WADE ET AL.), 368

DAWES, G. S., VISSER, G. H. A., GOODMAN, J. D. S., and REDMAN, C. W. G. Numerical analysis of the human fetal heart rate: The quality of ultrasound records, 43

DAYTON, DELBERT (see WALD ET AL.), 1

DEANGELIS, BARBARA (see BAKER ET AL.), 792

DELAMATER, PAUL V. (see BHAKTHAVATHSALAN ET AL.), 436

DE VORE, GREGGORY R., DONNERSTEIN, RICHARD L., KLEINMAN, CHARLES S., and Hobbins, John C. Real-time-directed M-mode echocardiography: A new technique for accurate and rapid quantitation of the fetal preejection period and ventricular ejection time of the right and left ventricles, 470 (Comm. in brief)

-, MAYDEN, KARA, TORTORA, MARGE, BERKOWITZ, RICHARD L., and HOBBINS, JOHN C. Dilation of the fetal umbilical vein in rhesus hemolytic anemia: A predictor of severe disease, 464 (Comm. in brief)

(see ROMERO ET AL.), 839

DEWANE, JOSEPH C., and McCubbin, Jack H. Spontaneous rupture of an unscarred uterus at 19 weeks' gestation, 222 (Comm. in brief)

Diasio, Robert (see Hall, Diasio, and Goplerud), 299, 305, 309

DIAZ-ZAGOYA, JUAN C., and ARIAS, FERNANDO. Synthesis and catabolism of progesterone in placentas from normotensive and severely hypertensive patients before and after parturition, 637

DIDOLKAR, S. M., HALL, JOANN, PHELAN, JOAN, GUTBERLETT, RONALD, and HILL, LAWRENCE J. The prenatal diagnosis and management of a hepatoomphalocele, 221 (Comm. in brief)

DIETRICH, D. (see WOODRUFF ET AL.), 118

DILLON, MICHAEL B. (see RUDD, LONG, and DILLON), 12 DILLON, WILLIAM P., and O'LEARY, JAMES A. Detection of fetal cord compromise secondary to umbilical cord hematoma with the nonstress test, 102 (Comm. in brief)

DISAIA, PHILLIP J. (see STRATTON and DISAIA), 843

—(see Creasman et al.), 921 —(see Gusdon et al.), 65

DIVERS, WALTER A., WILKES, MAHLON M., BABAKNIA, ARI, HILL, LYN-DON M., QUILLIGAN, EDWARD J., and YEN, SAMUEL S. C. Amniotic fluid catecholamines and metabolites in intrauterine growth retardation, 608

-, and YEN, SAMUEL S. C. Maternal smoking and elevation of catecholamines and metabolites in the amniotic fluid, 625

DMOWSKI, W. P., STEELE, RUSSELL W., and BAKER, GLEN F. Deficient cellular immunity in endometriosis, 377

DOBRA, K. W. (see MELVIN ET AL.), 25 DOESBURG, W. H. (see VAN GEELEN ET AL.), 384

DONNER, A. (see STAVRAKY, COLLINS, and DONNER), 547

DONNERSTEIN, RICHARD L. (see DE VORE ET AL.), 470

DORCHESTER, WENDY (see BRALY ET AL.), 5

-(see GARITE ET AL.), 508

DOUGHERTY, MOLLY (see NOTELOVITZ ET AL.), 149

DRISCOLL, SHIRLEY G. (see KITZMILLER, WATT, and DRISCOLL), 773

DRUZIN, MAURICE L. (see PLATT and DRUZIN), 187

DUFF, PATRICK, and MAYER, ALLAN R. Generalized alopecia: An unusual complication of danazol therapy, 349 (Comm. in brief)

DUNAWAY, GEORGE (see KAUFMANN ET AL.), 479 DUNCAN, W. J. (see HAWRYLYSHYN ET AL.), 223 DUNN, JUDITH K. (see SIMPSON ET AL.), 629

DUTTAGUPTA, CHANDRALEKHA (see ROMNEY ET AL.), 890

F

EDMAN, C. D., TOOFANIAN, A., MACDONALD, P. C., and GANT, N. F. Placental clearance rate of maternal plasma androstenedione through placental estradiol formation: An indirect method of assessing uteroplacental blood flow, 1029

EDWARDS, R. G., PURDY, J. M., STEPTOE, P. C., and WALTERS, D. E. The growth of human preimplantation embryos in vitro, 408 EDWARDS, WILLIAM R. (see CHARLES and EDWARDS), 1065

EHRLICH, CLARENCE E., YOUNG, PETER C. M., and CLEARY, ROBERT E. Cytoplasmic progesterone and estradiol receptors in normal, hyperplastic, and carcinomatous endometria: Therapeutic implications, 539

EK, ANDERS (see IOSIF ET AL.), 817

ELIAS, SHERMAN, LEBEAU, MICHELLE, SIMPSON, JOE LEIGH, and MAR-TIN, ALICE O. Chromosome analysis of ectopic human conceptuses, 698

—(see Simpson et al.), 629

EMBREY, M. P. (see MACKENZIE, BRADLEY, and EMBREY), 158

ENGLE, MICHAEL J. (see Schwartz et al.), 294 ENGLISH, DENNIS H. (see Harger and English), 752

ERICKSON, NOELEEN D. (see BHAKTHAVATHSALAN ET AL.), 436

ERKKOLA, R., TABSH, K., USHIODA, E., NUWAYHID, B., BRINKMAN, C. R., III, and Assali, N. S. Responses of the pelvic vascular bed to intra-arterial stimulation of beta-adrenergic and cholinergic receptors in pregnant and nonpregnant sheep, 599

-(see Assali et al.), 873

ESTES, WRAY (see BOEHM ET AL.), 735

ETTINGER, BRUCE B. (see Ikenoue et al.), 797

EVANS, D. G. (see GRUDZINSKAS ET Al.), 425

EVANS, MARK I., SCHULMAN, JOSEPH D., GOLDEN, LINDSAY, and

MCKHERJEE, ANIL B. Superovulation-induced intrauterine growth retardation in mice, 433

EVANS, TOMMY N., POLAND, MARILYN L., and BOVING, RENEE L. Vaginal malformations, 910

FADEL, HOSSAM E., and ABRAHAM, E. C. Minor fetal hemoglobins in relation to gestational age, 704

FARAHANI, GHOLAMALI (see HARPER ET AL.), 39

FARRELL, E. (see WOOD ET AL.), 527

FARRELL, PHILIP M. (see SCHWARTZ ET AL.), 294

FEINGOLD, SUSAN (see BAKER ET AL.), 792

FIGGE, DAVID C. (see TAMIMI and FIGGE), 132

FISHER, DELBERT A. (see PADBURY ET AL.), 199 FONTANA, MARY E. (see RAYBURN and FONTANA), 9 FRANK, OSCAR (see BAKER ET AL.), 792

FREEMAN, ROGER K. (see BRALY ET AL.), 5

(see GARITE ET AL.), 508

FRENKEL, J. K. Congenital toxoplasmosis: Prevention or palliation, 359 (Clinical opinion)

FRIBERG, JAN. Postcoital tests and sperm-agglutinating antibodies in men, 76

FRYE, R. (see KHOUZAMI ET AL.), 205

FUCHS, ANNA-RIITTA, HUSSLEIN, PETER, and FUCHS, FRITZ. Oxytocin and the initiation of human parturition. II. Stimulation of prostaglandin production in human decidua by oxytocin, 694

-(see Husslein, Fuchs, and Fuchs), 688 FUCHS, FRITZ (see FUCHS, HUSSLEIN, and FUCHS), 694

(see Husslein, Fuchs, and Fuchs), 688

FUJII, SHINGO, BAN, CHIAKI, OKAMURA, HITOSHI, and NISHIMURA, Toshio. Unilateral tubal quadruplet pregnancy, 840 (Comm. in brief)

FULLER, ARLAN F., JR. (see PODLAS ET AL.), 225

GANT, N. F. (see EDMAN ET AL.), 1029

GARCIA, JOSE (see NAGEY, GARCIA, and WELT), 403

GARITE, THOMAS J., FREEMAN, ROGER K., LINZEY, E. MICHAEL, BRALY,
PATRICIA S., and DORCHESTER, WENDY L. Prospective randomized study of corticosteroids in the management of premature rupture of the membranes and the premature gestation, 508

-(see BRALY ET AL.), 5

GATLIN, ALWYN (see CARSON, GATLIN, and MAZUR), 586

GEIERMAN, CONSTANCE A. (see PLATT ET AL.), 107

GENADRY, R. (see WOODRUST ET AL.), 118 GERBIE, ALBERT B. (see NADLER ET AL.), 885 GILBERT, B. W. (see HAWRYLYSHYN ET AL.), 223

GILCHRIST, THOMAS F. (see CATES ET AL.), 346

GILSTRAP, LARRY C., LEVENO, KENNETH J., CUNNINGHAM, F. GARY, WHALLEY, PEGGY J., and ROARK, MICKI L. Renal infection and pregnancy outcome, 709
GIMOVSKY, MARTIN L. (see REECE, GIMOVSKY, and PETRIE), 467

GLASSMAN, IRIS (see HARPER ET AL.), 39

GOEBELSMANN, UWE (see JORGE ET AL.), 641

GOLDE, STEVEN H. (see JORGE ET AL.), 641 GOLDEN, LINDSAY (see EVANS ET AL.), 433 GOLDSTEIN, DAVID A. (see COTTON ET AL.), 617

GOMEL, VICTOR (see MOON ET AL.), 344

GONZÁLEZ-ANGULO, A. (see SHAW ET AL.), 821

GOODMAN, J. D. S. (see DAWES ET AL.), 43

GOPLERUD, DEAN R. (see HALL, DIASIO, and GOPLERUD), 299, 305, 309 GRATACOS, JOSE A., NEUFELD, NAOMI, KUMAR, DINESH, ARTAL, RAUL, PAUL, RICHARD H., and MESTMAN, JORGE. Monocyte insulin binding studies in normal and diabetic pregnancies, 611

-(see JORGE ET AL.), 641

Greenberg, Meir (see Harper et al.), 39 Grimes, David A. (see Guidotti, Grimes, and Cates), 257

-(see Peterson et al.), 763

GROWDON, JAMES F., JR. (see BOEHM ET AL.), 735

GRUDZINSKAS, J. G., AL-AWQATI, M., EVANS, D. G., and CHARD, T. Adrenal-seminal-pituitary protein in a variety of maternal and fetal compartments, 425

GUIDOTTI, RICHARD J., GRIMES, DAVID A., and CATES, WILLARD, JR.
Fatal amniotic fluid embolism during legally induced abor-

tion, United States, 1972 to 1978, 257

GUSDON, JOHN P., JR., HOMESLEY, HOWARD D., MUSS, HYMAN B., Heise, Eugene R., Herbst, Glenn A., Richards, Frederick, II, Spurr, Charles L., Lovelace, Judy V., and Di Saia, PHILIP J. Chemotherapy of advanced ovarian epithelial carcinoma with melphalan and levamisole: A pilot study of the Gynecologic Oncology Group, 65

GUTBERLETT, RONALD (see DIDOLKAR ET AL.), 221

HADDOW, JAMES E. (see KNIGHT ET AL.), 585

HAHN, GEORGE A. Carbon dioxide laser surgery in treatment of condyloma, 1000

HAINES, RICHARD F. (see BEER ET AL.), 987

HALES, D. B. (see BETZ, MILLER, and HALES), 962

HALL, DON J., DIASIO, ROBERT, and GOPLERUD, DEAN R. cis-Platinum in gynecologic cancer. I. Epithelial ovarian cancer, 299

and —. cis-Platinum in gynecologic cancer. II. Squamous cell carcinoma of the cervix, 305

and —. cis-Platinum in gynecologic cancer. HI. Tox.city, 309 HALL, JOANN (see DIDOLKAR ET AL.), 221

HALVORSON-BOYD, GLENNA (see CATES ET Al.), 346

Hamberger, L. (see Lindblom and Hamberger), 398

HAMILTON, EMILY (see PERRY ET AL.), 17

HARBERT, GUY M., JR. (see THIAGARAJAH ET AL.), 20 HARE, JOHN W. (see KITZMILLER ET AL.), 741 HARGER, JAMES H., and ENGLISH, DENNIS H. Selection of patients for antibiotic prophylaxis in cesarean sections, 752

—(see Archer et al.), 556 Harper, Rita G., Greenberg, Meir, Farahani, Gholamali, GLASSMAN, IRIS, and KIERNEY, CATHERINE M. P. Fetal movement, biochemical and biophysical parameters, and the out-

come of pregnancy, 39 HARRIS, GEORGE S. (see WADE ET AL.), 368

HARRIS, ROBERT E. Correlation of postpartum intravenous pyelograms with clinical localization of antepartum pyelonephritis, 105 (Comm. in brief)

HAUKELAND, INGVAR. An alternative delivery position: New delivery chair developed and tested at Kongsberg Hospital, 115 (Clinical opinion)

HAUSER, KATHERINE S. (see LUCIANO ET AL.), 723

HAWRYLYSHYN, P. A., MISKIN, M., GILBERT, B. W., DUNCAN, W. J., and VALTCHEV, K. L. The role of echocardiography in fetal cardiac arrhythmias, 223 (Comm. in brief)

HEISE, EUGENE R. (see GUSDON ET AL.), 65

HELGASON, STEFAN, and VON SCHOULTZ, Bo. Estrogen replacement therapy and the mixed lymphocyte reaction, 393

HELVACIOGLU, AHMET, AULETTA, FREDERICK, and SCOMMEGNA, AN-TONIO. Antifertility effect of azastene mediated by prostaglandin, 138

HERBST, ARTHUR L., HUBBY, MARIAN M., AZIZI, FREIDOON, and MAKII, MICHAEL M. Reproductive and gynecologic surgical experience in diethylstilbestrol-exposed daughters, 1019

HERBST, GLENN A. (see Gusdon et al.), 65 HERNANDEZ, E. (see KHOUZAMI ET AL.), 205

HERRICK, C. NEIL (see Howard and HERRICK), 99

HEYMANN, M. A. (see REUSS, RUDOLPH, and HEYMANN), 427

HILL, J. LAWRENCE (see DIDOLKAR ET AL.), 221 HILL, LYNDON M. (see DIVERS ET AL.), 608

HILLIER, ROBYN (see CHAPMAN ET AL.), 499

HIRSCH, J. (see LUTHY ET AL.), 350

Ho Yuen, Basil, McMorland, Graham, Pudek, Morris, and Cannon, WENDY. Effect of general and peridural anesthesia on the concentrations of prolactin and cortisol in maternal plasma, 483

(see Moon et al.), 344

HOBBINS, JOHN C. (see DE VORE ET AL.), 464, 470

(see Romero et al.), 839

HOBEL, CALVIN J., PARVEZ, HASAN, PARVEZ, SIMONE, LIRETTE, MICHEL, and PAPIERNIK, EMIL. Enzymes for epinephrine synthesis and metabolism in the myometrium, endometrium, red blood cells, and plasma of pregnant human subjects, 1009 (see PADBURY ET AL.), 199

HOHENSCHUTZ, V. (see BELLINA ET AL.), 828

HOHLER, CHARLES W., and QUETEL, THOMAS A. Comparison of ul-trasound femur length and biparietal diameter in late pregnancy, 759

HOLCK, SUSAN (see CATES ET AL.), 346

HOLROYDE, JANE (see LAVIN ET AL.), 717

HOMESLEY, HOWARD D. (see Gusdon et al.), 65

HORGER, EDGAR O., III. (see MILLER ET AL.), 237 HOUGH, LINDA J. (see ARCHER ET AL.), 556

HOWARD, THOMAS E., JR., and HERRICK, C. NEIL. Pregnancy in patients with ventriculoperitoneal shunts: Report of two cases, 99 (Comm. in brief)

HUBBY, MARIAN M. (see HERBST ET AL.), 1019

HUSSLEIN, PETER, FUCHS, ANNA-RIITTA, and FUCHS, FRITZ. Oxytocin and the initiation of human parturition. I. Prostaglandin release during induction of labor by oxytocin, 688

-(see Fuchs, Husslein, and Fuchs), 694

IKEGAMI, MACHIKO, and JOBE, ALAN. Phospholipid composition of fetal lung fluid and amniotic fluid during late gestation in sheep, 227 (Comm. in brief)

IKENOUE, TSUYOMU, MARTIN, CHESTER B., JR., MURATA, YUJI, ET-TINGER, BRUCE B., and LU, PETER S. Effect of acute hypoxemia and respiratory acidosis on the fetal heart rate in mon-

INGEMARSSON, EVA, INGEMARSSON, INGEMAR, and SVENNINGSEN, NIELS W. Impact of routine fetal monitoring during labor on fetal outcome with long-term follow-up, 29

INGEMARSSON, INGEMAR (see INGEMARSSON, INGEMARSSON, and SVEN-NINGSEN), 29

IOSIF, CONSTANTIN SERAFIM, BATRA, SATISH, EK, ANDERS, and ASTEDT, BIRGER. Estrogen receptors in the human female lower urinary tract, 817

IVANKOVIC, DAVOR (see KURJAK ET AL.), 266

JAMES, L. S. (see REGAN, CHAO, and JAMES), 184

-(see YEH ET AL.), 682

N١

JÄNNE, O., KAUPPILA, A., KOKKO, E., LANTTO, T., RÖNNBERG, L., and VIHKO, R. Estrogen and progestin receptors in endometriosis lesions: Comparison with endometrial tissue, 562

JANSEN, VALERIE (see DANCIS ET AL.), 677 JOBE, ALAN (see IKEGAMI and JOBE), 227

JOHNSON, J. W. C., MITZNER, W., BECK, J. C., LONDON, W. T., SLY, D. L., LEE, P. A., KHOUZAMI, V. A., and CAVALIERI, R. L. Long-term effects of betamethasone on fetal development, 1053

-(see CAVALIERI ET AL.), 652

-(see KHOUZAMI ET AL.), 205, 212

JOHNSTON, BARBARA M. (see QUILLIGAN ET AL.), 271

Johnston, William (see Creasman et al.), 921 Jones, J. R. (see Kemmann et al.), 58 Jones, Warren R. (see Chapman et al.), 499 Jorge, Carlos Santos, Artal, Raul, Paul, Richard H., GOEBELSMANN, UWE, GRATACÓS, JOSÉ, YEH, SZE-YA, GOLDE, STEVEN H., and MESTMAN, JORGE H. Antepartum fetal surveillance in diabetic pregnant patients, 641 JOYCE, THOMAS (see LAVIN ET AL.), 717

KALDANY, ANTOINE (see KITZMILLER ET AL.), 741

KAMINETZKY, HAROLD A. (see BAKER ET AL.), 792

Kammerman, Susan (see Dancis et al.), 677 Karchmar, J. (see Low et al.), 941 Kariniemi, Veikko (see Ämmälä and Kariniemi), 217

KÄSER, OTTO. Function-retaining or function-restoring gynecologic surgery, 864 Katayama, K. Paul (see Pattillo et al.), 104

KATZ, MAX (see PERRY ET AL.), 17

KAUFMANN, ROBERT C., AMANKWAH, KOFI S., DUNAWAY, GEORGE, MA-ROUN, LEONARD, ARBUTHNOT, JANE, and RODDICK, J. W., JR. An animal model of gestational diabetes, 479

KAUPPILA, A. (see JÄNNE ET AL.), 562

KEEGAN, KIRK A. (see Platt et al.), 102 KEECH, ROBERT P. (see Valk, Marshall, and Kelch), 842 KEMMANN, E., TAVAKOLI, F., SHELDEN, R. M., and JONES, J. R. Induction of ovulation with menotropins in women with polycystic ovary syndrome, 58

KEY, THOMAS C. (see MILLER ET AL.), 237 KHOUZAMI, VICTOR A., BECK, JEANNE C., JOHNSON, JOHN W. C., MITZ-NER, WAYNE, and LONDON, W. T. Amniotic fluid absorbance at 650 nm: A comparison with fetal lung maturity characteristics. 212

-, JOHNSON, J. W. C., HERNANDEZ, E., ROTMENSCH, J., FRYE, R., and DAIKOKU, N. Urinary estrogens in postterm pregnancy, 205

—(see Johnson et al.), 1053 Kierney, Catherine M. P. (see Harper et al.), 39

KILLAM, ALLEN P. (see BARRETT, BOEHM, and KILLAM), 769

KINCH, ROBERT A. H. (see PERRY ET AL.), 17 KIRKINEN, PERTTI (see KURJAK ET AL.), 266

KIRKPATRICK, CHRISTINE, BOGAERT, CHRISTIANE, VANSANDE, JAC-QUELINE, and RODESCH, FREDERICK. Control of adenosine-3',5'- monophosphate level in human amnion by prostaglandin E1 and isoproterenol, 195

KITCHENS, CRAIG S. (see NOTELOVITZ ET Al.), 71, 149

KITZMILLER, JOHN L., BROWN, ELIZABETH R., PHILLIPPE, MARK, STARK, ANN R., ACKER, DAVID, KALDANY, ANTOINE, SINGH, SHILINI, and HARE, JOHN W. Diabetic nephropathy and perinatal outcome, 741

-, WATT, NANCY, and DRISCOLL, SHIRLEY G. Decidual arteriopathy in hypertension and diabetes in pregnancy: Immunofluorescent

KLEIN, KENNETH L., SCOTT, WILLIAM J., CLARK, KENNETH E., and WIL-SON, JAMES G. Indomethacin-Placental transfer, cytotoxicity, and teratology in the rat, 448 Kleinman, Charles S. (see De Vore et al.), 470

KLETZKY, OSCAR A. (see MARRS, KLETZKY, and MISHELL), 658

KLOZA, EDWARD M. (see KNIGHT ET AL.), 585

KNIGHT, GEORGE J., KLOZA, EDWARD M., SMITH, DWIGHT E., and HADDOW, JAMES E. Efficiency of human placental lactogen and alpha-fetoprotein measurement in twin pregnancy detection, 585 (Comm. in brief)

KOBAYASHI, YOSHIMUNE, SANTULLI, ROSEMARY, WRIGHT, KAREN H., and Wallach, Edward E. The effect of prostaglandin synthesis inhibition by indomethacin on ovulation and ovum maturation in the in vitro perfused rabbit ovary, 53

KODAMA, MITSUO, KODAMA, TOSHIKO, and TOTANI, RYOZO. Dissociation of chorioadenoma destruens from hydatidiform mole by urinary steroid analysis, 288

KODAMA, TOSHIKO (see KODAMA, KODAMA, and TOTANI), 288

Kokko, E. (see Jänne et al.), 562

KUMAR, DINESH (see GRATACOS ET AL.), 611

Kurjak, Asim, Kirkinen, Pertti, Latin, Visnja, and Ivankovic, Davor. Ultrasonic assessment of fetal kidney function in normal and complicated pregnancies, 266

KURKULOS, MARYELLEN (see LAUERSEN ET AL.), 521

LAFERLA, JOHN J., BUTCH, SUZANNE H., and COOLEY, JOHN R. Utilization of specific mixed agglutination in a case of apparent fetomaternal hemorrhage, 581 (Comm. in brief)

LÄHTEENMÄKI, PEKKA, RASI, VESA, LUUKKAINEN, TAPANI, and MYLLYÄ, GUNNAR. Coagulation factors in women using oral contraceptives or intrauterine contraceptive devices immediately after abortion, 175

LAM, ROBERT W. (see PADBURY ET AL.), 199 LANTTO, T. (see JANNE ET AL.), 562

Latin, Visnja (see Kurjak et al.), 266 Lauersen, Niels H., Wilson, Kathleen H., Bilek, Alena, Rao,

VELPULA SAN JEEVA, and KURKULOS, MARYELLEN. A new modality in nonstress testing: Evaluation of beat-to-beat fetal heart rate variability, 521

LAVIN, JUSTIN P., BARDEN, TOM P., and MIODOVNIK, MENACHEM. Clinical experience with a screening program for gestational diabe-

-, SAMUELS, STEPHEN V., MIODOVNIK, MENACHEM, HOLROYDE, JANE, LOON, MARTIN, and JOYCE, THOMAS. The effects of bupivacaine and chloroprocaine as local anesthetics for epidural anesthesia on fetal heart rate monitoring parameters, 717

LAYDE, PETER M. (see McCarthy et al.), 252

LEBEAU, MICHELLE (see Elias et al.), 698

-(see SIMPSON and LEBEAU), 930

LEE, P. A. (see JOHNSON ET AL.), 1053

LEONARD, T. (see LOW ET AL.), 941
LEUNG, PETER C. S. (see MOON ET AL.), 344

LEVENO, KENNETH J. (see GILSTRAP ET AL.), 709

LEVITZ, MORTIMER (see DANCIS ET AL.), 677

LEWIS, BRIAN J. (see WILLSON ET AL.), 81

LIFSHITZ, SAMUEL (see PHILLIPS, BUCHSBAUM, and LIFSHITZ), 1038

LIN, CHIN-CHU, RIVER, PHILIP, MOAWAD, ATEF H., LOWENSOHN, RICHARD I., BLIX, PETRA M., ABRAHAM, MARILYN, and RUBENSTEIN, ARTHUR H. Prenatal assessment of fetal outcome by amniotic fluid C-peptide levels in pregnant diabetic women, 671

LINDBLOM, B., and HAMBERGER, L. Copper and contractility of the human fallopian tube, 398 LINZEY, E. MICHAEL (see GARITE ET AL.), 508

LIPSON, LOREN G. (see COTTON ET AL.), 617 LIRETTE, MICHEL (see HOBEL ET AL.), 1009

LIU, TE-LIN (see CHOW and LIU), 466

LÖFGREN, OLOF. Continuous transcutaneous oxygen monitoring in fetal surveillance during labor, 729 (Clinical opinion)

LONDON, W. T. (see CAVALIERI ET Al.), 652

-(see JOHNSON ET AL.), 1053

-(see KHOUZAMI ET AL.), 212 LONG, WILLIAM H. (see RUDD, LONG, and DILLON), 12

LOON, MARTIN (see LAVIN ET AL.), 717 LOVELACE, JUDY V. (see GUSDON ET AL.), 65

Low, J. A., Karchmar, J., Broekhoven, L., Leonard, T., McGrath, M. J., Pancham, S. R., and Piercy, W. N. The probability of fetal metabolic acidosis during labor in a population at risk as determined by clinical factors, 941

LOWENSOHN, RICHARD I. (see LIN ET AL.), 671

Lu, Peter S. (see Ikenoue et al.), 797

LUCIANO, ANTHONY A., HAUSER, KATHERINE S., CHAPLER, FREDERICK K., and SHERMAN, BARRY M. Danazol: Endocrine consequences in healthy women, 723

LUCIDO, DAVID (see ROMNEY ET Al.), 890

LUTHY, D. A., MACK, L., HIRSCH, J., and CHENG, E. Prenatal ultrasound diagnosis of thrombocytopenia with absent radii, 350 (Comm. in brief)

LUUKKAINEN, TAPANI (see LÄHTEENMÄKI ET AL.), 175

Lyles, Kenneth W. (see Sutton, Lyles, and Wiebe), 535

MACAULAY, L. K. (see SHAW ET AL.), 821

McCarthy, Brian J., Sachs, Ben P., Layde, Peter M., Burton, Anthony, Terry, Jules S., and Rochat, Roger. The epidemiology of neonatal death in twins, 252

McCarthy, Phyllis (see Wade et al.), 368

McCoy, Michael J. Henoch-Schonlein purpura and pregnancy, 469 (Comm. in brief)

McCubbin, Jack H. (see DeWane and McCubbin), 222 MacDonald, P. C. (see Edman et al.), 1029 McGrath, M. J. (see Low et al.), 941

MACK, L. (see LUTHY ET AL.), 350

MACKENZIE, I. Z., BRADLEY, SUSAN, and EMBREY, M. P. A simpler approach to labor induction using lipid-based prostaglandin E2

vaginal suppository, 158 McKenzie, Lynda (see Notelovitz et al.), 71 McMorland, Graham (see Ho Yuen et al.), 483

MACRI, JAMES N. (see PALEKAR ET AL.), 788

MADDAIAH, VADDANAHALLY T. (see PALEKAR ET AL.), 788

MAKII, MICHAEL M. (see HERBST ET AL.), 1019

MÄKILÄ, U.-M. (see YLIKORKALA, MÄKILÄ, and VIINIKKA), 487 MALDONADO, W. E. (see MELVIN ET AL.), 25

MANN, LEON I. (see BHAKTHAVATHSALAN ET AL.), 436

-(see CLAPP ET AL.), 973

MARKS, MELVIN 1. (see SAN JOAQUIN, RETTIG, and MARKS), 101

MAROUN, LEONARD (see KAUFMAN ET AL.), 479
MARRS, RICHARD P., KLETZKY, OSCAR A., and MISHELL, DANIEL R., JR. Functional capacity of the gonadotrophs during pregnancy and the puerperium, 658

MARSHALL, JOHN C. (see VALK, MARSHALL, and KELCH), 842 MARSHALL, JOHN R. (see SORRELL, MARSHALL, and CHOW), 242—(see SORRELL ET AL.), 246

MARTIN, ALICE O. (see ELIAS ET AL.), 698

(see SIMPSON ET AL.), 629 MARTIN, CHESTER B., JR. (see IKENOUE ET AL.), 797

(see VAN GEELEN ET AL.), 384

MATHUR, RAJESH S. (see WILLIAMSON, PHANSEY, and MATHUR), 262

MATTINGLY, RICHARD (see PATTILLO ET AL.), 104 MAYDEN, KARA (see DE VORE ET AL.), 464

MAYER, ALLAN R. (see Duff and MAYER), 349 MAZUR, MICHAEL (see CARSON, GATLIN, and MAZUR), 586

MELVIN, J. R., JR., SANFILIPPO, J. S., DOBRA, K. W., CRONHOLM, L. S., and MALDONADO, W. E. An improved method of acid elution and its application in obstetric and pediatric immunohematology, 25

MENENDEZ, L. ANNABELLA (see BELIZÁN ET AL.), 163

MESEROW, KATHI (see NADLER ET AL.), 885 MESTMAN, JORGE (see GRATACOS ET AL.), 611

(see JORGE ET AL.), 641

MICHEL, VIRGINIA PENDER (see VAN SLYKE, MICHEL, and REIN), 145
MILLER, FRANK C., and READ, JOHN A. Intrapartum assessment of the postdate fetus, 516

Miller, Gail (see Romney et al.), 890

MILLER, H. H. (see BETZ, MILLER, and HALES), 962

MILLER, JOSEPH M., JR., HORGER, EDGAR O., III, KEY, THOMAS C., and WALKER, ERNEST M., JR. Management of sickle hemoglobinopathies in pregnant patients, 237 Miodovnik, Menachem (see Lavin, Barden, and Miodovnik), 491

(see LAVIN ET AL.), 717

MISHELL, DANIEL R., JR. (see MARRS, KLETZKY, and MISHELL), 658

MISKIN, M. (see HAWRYLYSHYN ET AL.), 223

MITZNER, WAYNE (see CAVALIERI ET AL.), 652

-(see Johnson et al.), 1053 (see KHOUZAMI ET AL.), 212

MOAWAD, ATEF H. (see LIN ET AL.), 671

MOESSINGER, ADRIEN C., BLANC, WILLIAM A., BYRNE, JULIANNE, ANDREWS, DIANA, WARBURTON, DOROTHY, and BLOOM, ARTHUR. Amniotic band syndrome associated with amniocentesis, 588 (Comm. in brief)

Moon, Young S., Leung, Peter C. S., Ho Yuen, Basil, and Gomel, VICTOR. Prostaglandin F in human endometriotic tissue, 344 (Comm. in brief)

MOORE, EDWARD E. (see ARCHER ET AL.), 556 MORISHIMA, HISAYO O. (see BRUCE ET AL.), 495

-(see YEH ET AL.), 682

MUKHERJEE, ANIL B. (see Evans et al.), 433 MURATA, YUJI (see IKENOUE ET AL.), 797

MUSS, HYMAN B. (see GUSDON ET AL.), 65

MYLLYÄ, GUNNAR (see LÄHTEENMÄKI ET AL.), 175

NADLER, HENRY L., REMBELSKI, PHYLLIS, MESEROW, KATHI, and GER-BIE, ALBERT B. Prenatal detection of cystic fibrosis, 885

NAEYE, RICHARD L. Maternal blood pressure and fetal growth, 780 NAGEY, DAVID A., GARCIA, JOSE, and WELT, SELMAN I. Isovolumetric

partial exchange transfusion in the management of sickle cell disease in pregnancy, 403

Nelson, Kenneth J. (see Smith et al..), 180 Neufeld, Naomi (see Gratacos et al.), 611

NEUWIRTH, ROBERT S. (see CHERVENAK and NEUWIRTH), 351

NIELSEN, T. F. Torsion of the pregnant human uterus without symptoms, 838 (Comm. in brief)

NISHIMURA, TOSHIO (see FUJII ET AL.), 840 NOTELOVITZ, MORRIS, KITCHENS, CRAIG S., COONE, LEAH, MCKENZIE, LYNDA, and CARTER, RANDY. Low-dose oral contraceptive usage and coagulation, 71

-, RAPPAPORT, VALERIE, COONE, LEAH, and DOUGHERTY, MOLLY. Menopausal status associated with increased inhibition of blood coagulation, 149

NUWAYHID, B. (see Assall et al.), 873

-(see Erkkola et al.), 599

OATS, J. (see WOOD ET AL.), 527

O'BRIEN, GREGORY D., and QUEENAN, JOHN T. Growth of the ultrasound fetal femur length during normal pregnancy, 833

(Current investigation)
OKAMURA, HITOSHI (see FUJII ET AL.), 840

O'LEARY, JAMES A. (see DILLON and O'LEARY), 102

O'Shea, Robert T. (see Chapman et al.), 499 OZOLS, ROBERT F. (see WILLSON ET AL.), 81

PADBURY, JAMES F., HOBEL, CALVIN J., LAM, ROBERT W., and FISHER, DELBERT A. Sex differences in lung and adrenal neurosympathetic development in rabbits, 199

PAKTER, JEAN, and BUDNICK, LAWRENCE D. Bladder perforation owing to a unipolar coagulating device, 227 (Comm. in brief)

PALAN, PRABHUDAS R. (see ROMNEY ET AL.), 890

PALEKAR, ANIL G., MADDAIAH, VADDANAHALLY T., COLLIPP, PLATON J., and MacRi, James N. γ-Glutamyl transpeptidase of human amniotic fluid, 788

PANCHAM, S. R. (see Low et al.), 941

PAPIERNIK, EMIL (see HOBEL ET AL.), 1009

PARMLEY, T. H. (see WOODRUFF ET AL.), 118

PARVEZ, HASAN (see HOBEL ET AL.), 1009

PARVEZ, SIMONE (see HOBEL ET AL.), 1009 PATRICK, JOHN (see Brown and PATRICK), 646

PATTILLO, ROLAND A., SASAKI, SHIGERU, KATAYAMA, K. PAUL, ROESLER, MARK, and MATTINGLY, RICHARD F. Genesis of 46,XY hydatidiform mole, 104 (Comm. in brief)

PAUL, RICHARD H. (see GRATACOS ET AL.), 611

—(see JORGE ET AL.), 641 PERESS, NANCY S. (see CLAPP ET AL.), 973

PERRY, TRACY B., HAMILTON, EMILY, KINCH, ROBERT A. H., and KATZ, Max. Amniophoresis as an adjunct to fetoscopy, 17

PETERSON, HERBERT B., GRIMES, DAVID A., CATES, WILLARD, JR., and RUBIN, GEORGE L. Comparative risk of death from induced abortion at ≤12 weeks' gestation performed with local versus

general anesthesia, 763
Petrie, Roy H. (see Reece, Gimovsky, and Petrie), 467

-(see BRUCE ET AL.), 495

Phansey, Shaila A. (see Williamson, Phansey, and Mathur), 262 Phelan, Jeffrey P. (see Smith et al.), 180

PHELAN, JOAN (see DIDOLKAR ET AL.), 221

PHILLIPPE, MARK (see KITZMILLER ET AL.), 741

PHILLIPS, BENNY, BUCHSBAUM, HERBERT J., and LIFSHITZ, SAMUEL.

Pelvic exenteration for vulvovaginal carcinoma, 1038

PIERCY, W. N. (see Low et al.), 941

PINEDA, OSCAR (see BELIZÁN ET AL.), 163

PLATT, LAWRENCE D., and DRUZIN, MAURICE L. Acute puerperal inversion of the uterus, 187 —, Geierman, Constance A., Turkel, Susan B., Young, Guillermo,

and KEEGAN, KIRK A. Atrial hemangioma and hydrops fetalis, 107 (Comm. in brief)

Podlas, Jeffrey, Barbieri, Robert L., Salzmann, Ronnie, Woodson, JONATHAN, and FULLER, ARLAN F., JR. Toxic shock syndrome occurring in the luteal phase of the menstrual cycle, 225 (Comm. in brief)

POLAND, MARILYN L. (see EVANS, POLAND, and BOVING), 910

PUDER, MORRIS (see HO YUEN ET AL.), 483

PURDY, J. M. (see EDWARDS ET AL.), 408

Q

QUEBBEMAN, JAMES F. (see BEER ET AL.), 987

QUEENAN, JOHN T. (see O'BRIEN and QUEENAN), 833 QUETEL, THOMAS A. (see HOHLER and QUETEL), 759

QUILLIGAN, E. J., CLEWLOW, F., JOHNSTON, BARBARA M., and WALKER, D. W. Effect of 5-hydroxytryptophan on electrocortical activity and breathing movements of fetal sheep, 271

-(see Divers et al.), 608

R

RAO, VELPULA SAN JEEVA (SPE LAUERSEN ET AL.), 521

RAPPAPORT, VALERIE (see NOTELOVITZ ET AL.), 149

RASI, VESA (see LÄHTEENMÄKI ET AL.), 175 RAYBURN, WILLIAM F., and FONTANA, MARY E. Mitral valve prolapse and pregnancy, 9
READ, JOHN A. (see MILLER and READ), 516

REBAR, ROBERT W. (see SCHWARTZ ET AL.), 662

REDLINE, RAYMOND W., and ABRAMOWSKY, CARLOS R. Transposition of the great vessels in an infant exposed to massive doses of oral contraceptives, 468 (Comm. in brief)

REDMAN, C. W. G. (see Dawes et al.), 43

REECE, E. ALBERT, GIMOVSKY, MARTIN L., and PETRIE, ROY H. Tuberous sclerosis in pregnancy, 467 (Comm. in brief)

REGAN, JOAN A., CHAO, SOLAN, and JAMES, L. S. Premature rupture of membranes, preterm delivery, and group B streptococcal colonization of mothers, 184

REIMER, CHARLES B. (see WALD ET AL.), 1 REIN, MICHAEL F. (see VAN SLYKE, MICHEL, and REIN), 145

REMBELSKI, PHYLLIS (see Nadler et al.), 885

RENOU, P. (see WOOD ET AL.), 527

RETTIG, PHILIP J. (see San Joaquin, RETTIG, and MARKS), 101

REUSS, M. L., RUDOLPH, A. M., and HEYMANN, M. A. Selective distribution of microspheres injected into the umbilical veins and in-ferior venae cavae of fetal sheep, 427 RICHARDS, FREDERICK, II (see GUSDON ET AL.), 65

RICHTER, KURT, and ALBRICH, WERNER. Long-term results following fixation of the vagina on the sacrospinal ligament by the vaginal route (vaginaefixatio sacrospinalis vaginalis), 811

RIOPELLE, M. A. (see Bellina et al.), 828

RIORDAN, EILEEN (see SCHWARTZ ET AL.), 662

RIVER, PHILIP (see LIN ET AL.), 671

ROARK, MICKI L. (see GILSTRAP ET AL.), 709 ROCHAT, ROGER (see McCarthy et al.), 252

RODDICK, J. W., JR. (see KAUFMANN ET Al.), 479

RODESCH, FREDERICK (see KIRKPATRICK ET AL.), 195

Roesler, Mark (see Pattillo et al.), 104

ROMERO, ROBERTO, CHERVENAK, FRANK A., DE VORE, GREGGORY, TORTORA, MARGE, and HOBBINS, JOHN C. Fetal head deformation and congenital torticollis associated with a uterine tumor, 839 (Comm. in brief)

- and Schwartz, Peter E. Alpha fetoprotein determinations in the management of endodermal sinus tumors and mixed germ

cell tumors of the ovary, 126
ROMNEY, SEYMOUR L., PALAN, PRABHUDAS R., DUTTAGUPTA, CHAN-DRALEKHA, WASSERTHEIL-SMOLLER, SYLVIA, WYLIE, JUDITH, MILLER, GAIL, SLAGLE, N. SUSAN, and LUCIDO, DAVID. Retinoids and the prevention of cervical dysplasias, 890

RÖNNBERG, L. (see JÄNNE ET AL.), 562

ROTMENSCH, J. (see KHOUZAMI ET AL.), 205 ROY, S. (see SHAW ET AL.), 821

RUBEN, FREDERICK L., and THOMPSON, DOUGLASS S. Cord blood lymphocyte in vitro responses to influenza A antigens after an epidemic of influenza A/Port Chalmers/73 (H₃N₂), 443

RUBENSTEIN, ARTHUR H. (see LIN ET AL.), 671 RUBIN, GEORGE L. (see PETERSON ET AL.), 763

RUDD, EUGENE G., LONG, WILLIAM H., and DILLON, MICHAEL B. Febrile morbidity following cefamandole nafate intrauterine irrigation during cesarean section, 12

RUDOLPH, A. M. (see REUSS, RUDOLPH, and HEYMANN), 427

RUFLETH, PETER (see SMITH ET AL.), 180

RURAK, D. W.(see WITTMANN ET AL.), 807 RYAN, KENNETH J. (see BARBIERI and RYAN), 453

SACHS, BEN P. (see McCarthy et al.), 252

SAINZ, EDUARDO (see BELIZÁN ET AL.), 163

SAKUMA, KAORI (see BRUCE ET AL.), 495 SALYER, SHERON L. (see BARRETT, SALYER, and BOEHM), 153, 583 SALZMAN, RONNIE (see PODLAS ET AL.), 225

SAMUELS, STEPHEN V. (see LAVIN ET AL.), 717

SAN JOAQUIN, VENUSTO H., RETTIG, PHILIP J., and MARKS, MELVIN 1. Prevalence of Chlamydia trachomatis antibodies in cord blood, 101 (Comm. in brief)

Sanfilippo, J. S. (see Melvin et al.), 25 Santulli, Rosemary (see Kobayashi et al.), 53 SARTO, GLORIA E. (see SIMPSON ET AL.), 629

SASAKI, SHIGERU (see PATTILLO ET AL.), 104

SCHIFRIN, BARRY S. (see VAN DORSTEN, SCHIFRIN, and WALLACE), 417 SCHLOSSBERG, DAVID. A possible pathogenesis for recurrent toxic shock syndrome, 348 (Comm. in brief)
Schneider, Henning (see Dancis et al..), 677

SCHULMAN, JOSEPH D. (see EVANS ET AL.), 433

SCHWARTZ, BARBARA, CUMMING, DAVID C., RIORDAN, EILEEN, SELYE, MANUEL, YEN, SAMUEL S. C., and REBAR, ROBERT W. Exercise-associated amenorrhea: A distinct entity, 662

SCHWARTZ, DAVID B., ENGLE, MICHAEL J., BROWN, D. JEANETTE, and FARRELL, PHILIP M. The stability of phospholipids in amniotic fluid, 294

SCHWARTZ, PETER E. (see ROMERO and SCHWARTZ), 126

SCOMMEGNA, ANTONIO (see BENVENISTE and SCOMMEGNA), 952

-(see Helvacioglu, Auletta, and Scommegna), 138

SCOTT, WILLIAM J. (see KLEIN ET AL.), 448

SELVE, MANUEL (see SCHWARTZ ET AL.), 662 SHALEV, ELIEZER, WEINER, EHUD, and ZUCKERMAN, HENRYK. Ultrasound determination of fetal sex, 582 (Comm. in brief)

Shaw, S. T., Jr., Macaulay, L. K., Aznar, R., González-Angulo, A., and Roy, S. Effects of progesterone-releasing intrauterine contraceptive device on endometrial blood vessels: A morphometric study, 821

SHELDEN, R. M. (see KEMMANN ET AL.), 58

SHERMAN, BARRY M. (see LUCIANO ET AL.), 723

SIMPSON, JOE LEIGH, and LEBEAU, MICHELLE M. Gonadal and statural determinants on the X chromosome and their relationship to in vitro studies showing prolonged cell cycles in 45,X; 46,X,del(X)(p11); 46,X,del(X)(q13); and 46,X,del(X)(q22) fibroblasts, 930

-, MARTIN, ALICE O., ELIAS. SHERMAN, SARTO, GLORIA E., and DUNN, JUDITH K. Cancers of the breast and female genital system: Search for recessive genetic factors through analysis of human isolate, 629

(see ELIAS ET AL.), 698

SINGH, SHILINI (see Kitzmiller et al.), 741

SLAGLE, N. SUSAN (see ROMNEY ET AL.), 890

SLY, D. L. (see Johnson et al.), 1053 Smith, Carl V., Rufleth, Peter, Phelan, Jeffrey P., and Nelson, Kenneth J. Long-term enteral hyperalimentation in the pregnant woman with insulin-dependent diabetes: A report of two cases, 180

SMITH, CYNTHIA (see YAMBAO ET AL.), 191

SMITH, DWIGHT E. (see KNIGHT ET AL.), 585 SORRELL, TANIA C., MARSHALL, JOHN R., and CHOW, ANTHONY W. Antimicrobial therapy of postpartum endomyometritis. I. Comparative susceptibility of mezlocillin and other antibiotics to genital anaerobic bacteria, 242

YOSHIMORI, ROBERT, and CHOW, ANTHONY W. Antimicrobial therapy of postpartum endomyometritis. II. Prospective, randomized trial of mezlocillin versus ampicillin, 246

SPURR, CHARLES L. (see GUSDON ET AL.), 65

STARK, ANN R. (see KITZMILLER ET AL.), 741

STARK, RAYMOND I. (see YEH ET AL.), 682 STAVRAKY, K. M., COLLINS, J. A., and DONNER, A. A comparison of estrogen use by women with endometrial cancer, gynecologic disorders, and other illnesses, 547

STEELE, RUSSELL W. (see DMOWSKI, STEELE, and BAKER), 377

STEPHENSON, SHARON R., and WEAVER, DAVID D. Prenatal diagnosis-A compilation of diagnosed conditions, 319 (Current developments)

STEPTOE, P. C. (see EDWARDS ET Al.), 408

STRASSNER, HOWARD T. (see COTTON ET AL.), 617

STRATTON, JOAN A., and DISAIA, PHILLIP J. Malignant ascites associated with advanced gynecologic neoplastic disease, 843 (Comm. in

STURGILL, BENJAMIN C. (see THIAGARAJAH ET AL.), 20

SUCHINDRAN, C. M. (see Wade et al.), 368 SUTTON, GREGORY P., LYLES, KENNETH W., and WIEBE, R. HERBERT. Steroid secretion and testosterone binding in a woman with an ovarian hilus cell tumor and thyrotoxicosis, 535

SVENNINGSEN, NIELS W. (see INGEMARSSON, INGEMARSSON, and SVEN-NINGSEN) 29

SZETO, HAZEL H. (see CLAPP ET AL.), 973

TABSH, K. (see Assali et al.), 873

-(see Erkkola et al.), 599

TAMIMI, HISHAM K., and FIGGE, DAVID C. Adenocarcinoma of the uterine tube: Potential for lymph node metastases, 132

TANG, LILY C. (see BHAKTHAVATHSALAN ET AL.), 436 TAVAKOLI, F. (see KEMMANN ET AL.), 58

TCHABO, JEAN-GILLES. Massive postpartum hematuria of the right kid-

ney, 106 (Comm. in brief) Terry, Jules S. (see McCarthy et al.), 252

THIAGARAJAH, SIVA, HARBERT, GUY M., JR., CAUDLE, MICHAEL R., and STURGILL, BENJAMIN C. Thrombotic thrombocytopenic purpura in pregnancy: A reappraisal, 20

THOMAS, C. M. G. (see VAN GEELEN ET AL.), 384

THOMPSON, DOUGLAS S. (see RUBEN and THOMPSON), 443

TOOFANIAN, A. (see EDMAN ET AL.), 1029 TORTORA, MARGE (see DE VORE ET AL.), 464

(see ROMERO ET AL.), 839

TOTANI, RYOZO (see KODAMA, KODAMA, and TOTANI), 288

TURCO, RONALD. The treatment of unresolved grief following loss of an infant, 503

TURKEL, SUSAN B. (see PLATT ET AL.), 107

URICCHIO, WILLIAM A. (see WADE ET AL.), 368 USHIODA, E. (see ASSALI ET AL.), 873

-(see Erkkola et al.), 599

VALK, TIMOTHY W., MARSHALL, JOHN C., and KELCH, ROBERT P. Simulation of the follicular phase of the menstrual cycle by intra-venous administration of low-dose pulsatile gonadotropinreleasing hormone, 842 (Comm. in brief)

VALTCHEV, K. L. (see HAWRYLYSHYN ET AL.), 223 VAN DORSTEN, JAMES P., SCHIFRIN, BARRY S., and WALLACE, ROGER L. Randomized control trial of external cephalic version with

tocolysis in late pregnancy, 417
Van Geelen, J. M., Doesburg, W. H., Thomas, C. M. G., and Martin, CHESTER B., JR. Urodynamic studies in the normal menstrual cycle: The relationship between hormonal changes during the menstrual cycle and the urethral pressure profile, 384

VAN SLYKE, K. KELLER, MICHEL, VIRGINIA PENDER, and REIN, MICHAEL F. Treatment of vulvovaginal candidiasis with boric acid pow-

VANSANDE, JACQUELINE (see KIRKPATRICK ET AL.), 195

VIHKO, R. (see JÄNNE ET AL.), 562 VIINIKKA, L. (see YLIKORKALA, MÄKILÄ, and VIINIKKA), 487 VIJAYAKUMAR, RAMANA, and WALTERS, WILLIAM A. W. Myometrial prostaglandins during the human menstrual cycle, 313

VILLAR, JOSE (see BELIZÁN ET AL.), 163 VISSER, G. H. A. (see Dawes et al.), 43

VON SCHOULTZ, BO (see HELGASON and VON SCHOULTZ), \$93

Voros, Janos I. (see Bellina et al.), 828

WADE, MACLYN E., McCARTHY, PHYLLIS, BRAUNSTEIN, GLENN D., ABERNATHY, JAMES R., SUCHINDRAN, C. M., HARRIS, GEORGE , DANZER, HAL C., and URICCHIO, WILLIAM A. A randomized prospective study of the use-effectiveness of two methods of natural family planning, 368 Wald, Nicholas J., Cuckle, Howard S., Catz, Charlotte, Dayton, Delbert, and Reimer, Charles B. Alpha fetoprotein screen-

ing and diagnosis of fetal open neural tube defects: The need

for quality control, 1 (Clinical opinion) WALKER, D. W. (see Quilligan et al.), 271

Walker, Ernest M., Jr. (see Miller et al.), 237 Wallace, Roger L. (see Van Dorsten, Schifrin, and Wallace), 417

WALLACH, EDWARD E. (see KOBAYASHI ET AL.), 53

WALTERS, D. E. (see EDWARDS ET AL.), 408 WALTERS, WILLIAM A. W. (see VIJAYAKUMAR and WALTERS), 313

Warburton, Dorothy (see Moessinger et al.), 588 Wassertheil-Smoller, Sylvia (see Romney et al.), 890

WATT, NANCY (see KITZMILLER, WATT, and DRISCOLL), 773

WEAVER, DAVID D. (see STEPHENSON and WEAVER), 319

WEED, JOHN C., JR. (see CREASMAN ET AL.), 921

- WEINER, EHUD (see SHALEV, WEINER, and ZUCKERMAN), 582 WELT, SELMAN I. (see NAGEY, GARCIA, and WELT), 403
- WHALLEY, PEGGY J. (see GILSTRAP ET AL.), 729 WIEBE, R. HERBERT (see SUTTON, LYLES, and WIEBE), 535 WILKES, MAHLON M. (see DIVERS ET AL.), 608, 625 WILKINSON, ROBERT H., JR. (see CREASMAN ET AL.), 921
- WILLIAMON, H. OLIVER, PHANSEY, SHAILA A., and MATHUR, RAJESH S. hermaphroditism with term vaginal delivery and a re-269
- WILLSON, J. ROBERT. Obstetrics-gynecology: A time for change, 857 WILLSON, JAMES K. V., OZOLS, ROBERT F., LEWIS, BRIAN J., and YOUNG, ROBERT C. Current status of therapeutic modalities for treatment of gynecologic malignancies with emphasis on chemo-
- therapy, 81 (Current developments) WILSON, JAMES G., and BRENT, ROBERT L. Are female sex hormones
- teratogenic, 567 -(see Klein et al.), 448
- WILSON, KATHLEEN H. (see LAUERSEN ET AL.), 521
- WITTMANN, B. K., RURAK, D. W., GRUBER, N., and BROWN, S. Real-time ultrasound observation of breathing and movements in the fetal lamb, 807
- WOOD, C., RENOU, P., OATS, J., FARRELL, E., BEISCHER, N., and An-DERSON, I. A controlled trial of fetal heart rate monitoring in a low-risk obstetric population, 527
- WOODRUFF, J. D., DIETRICH, D., GENADRY, R., and PARMLEY, T. H. Proliferative and malignant Brenner tumors, 118
- WOODSON, JONATHAN (see PODLAS ET AL.), 225
- WRIGHT, KAREN H. (see KOBAYASHI ET AL.), 53

- WRIGHT, PETER F. (see BOEHM ET AL.), 735 WRIGHT, V. C. (see Bellina et al.), 828
- WYLIE, JUDITH (see ROMNEY ET AL.), 890

- YAMBAO, THELMA J., CLARK, DAVID, SMITH, CYNTHIA, and AUBRY, RICHARD H. Amniotic fluid phosphatidylglycerol in stressed pregnancies, 191
- YEH, MING-NENG, MORISHIMA, HISAYO O., DANIEL, SALHA S., STARK, RAYMOND I., and JAMES, L. STANLEY. Effect of hypoxemia and acidemia on the fetal cardiac response to acetylcholine: Experimental observations in fetal baboons, 682
- YEH, SZE-YA (see BRUCE ET AL.), 495
- -(see JORGE ET AL.), 641
- YEN, SAMUEL S. C. (see DIVERS ET Al.), 608, 625
- -(see Schwartz et al.), 662
- ——(See Schwartz El Al.), Ouz YLIKORKALA, O., MÄKLÄ, U.-M., and VIINIKKA, L. Amniotic fluid pros-tacyclin and thromboxane in normal, preeclamptic, and some other complicated pregnancies, 487
- YOSHIMORI, ROBERT (see SORRELL ET AL.), 246
- YOUNES, M. A., BESCH, N. F., and BESCH, P. K. Estradiol and proges-
- terone binding in human term placental cytosol, 170 Young, Guillermo (see Platt et al.), 107
- Young, Peter C. M. (see Ehrlich, Young, and Cleary), 539
- YOUNG, ROBERT C. (see WILLSON ET AL.), 81

ZUCKERMAN, HENRYK (see SHALEV, WEINER, and ZUCKERMAN), 582

Subject index*

A/Port Chalmers/73 (H₃N₂), influenza, cord blood lymphocyte in vitro responses to influenza A antigens after epidemic of (Ruben and Thompson), 443

Abortion(s), chronic habitual, in humans, major histocompatibility complex antigens, maternal and paternal immune responses, and (Beer et al.), 987

coagulation factors in women using oral contraceptives or intra-uterine contraceptive devices immediately after (Lahteenmäki et al.), 175

curettage, death from amniotic fluid embolism and disseminated intravascular coagulation after (Cates et al.), 346

induced, comparative risk of death from, at \$ 12 weeks' gestation performed with local versus general anesthesia (Peterson et al.), 763

Risk factor for placenta previa (Barrett, Boehm, and Killam), 769 legally induced, fatal amniotic fluid embolism during, United States, 1972 to 1978 (Guidotti, Grimes, and Cates), 257

Absorbance, amniotic fluid, at 650 nm: Comparison with fetal lung maturity characteristics (Khouzami et al.), 212

Acceleration test, fetal (Bishop), 905

Acetylcholine, effect of hypoxemia and acidemia on fetal cardiac response to: Experimental observations in fetal baboons (Yeh et al.), 682

Acid base, serum electrolytes, and glucose homeostasis, effects of terbutaline on, during management of preterm labor (Cotton

elution, improved method of, and its application in obstetric and pediatric immunohematology (Melvin et al.), 25

Acidemia, hypoxemia and, effect of, on fetal cardiac response to acetylcholine: Experimental observations in fetal baboons (Yeh et al.), 682

Acidosis, fetal metabolic, probability of, during labor in population at risk as determined by clinical factors (Low et al.), 941

respiratory, acute hypoxemia and, effect of, on fetal heart rate in

monkeys (Ikenoue et al.), 797 Adenocarcinoma of uterine tube: Potential for lymph node metastases (Tamimi and Figge), 132

Adenosine-3',5'-monophosphate level in human amnion, control of, by prostaglandin E1 and isoproterenol (Kirkpatrick et al.),

Adrenal neurosympathetic development, lung and, sex differences in, in rabbits (Padbury et al.), 199

-seminal-pituitary protein in variety of maternal and fetal compartments (Grudzinskas et al.), 425

Adrenergic, beta-, and cholinergic receptors, responses of pelvic vascular bed to intra-arterial stimulation of, in pregnant and nonpregnant sheep (Erkkola et al.), 5 Age, gestational, minor fetal hemoglobins in relation to (Fadel and

Abraham), 704

Agglutination, specific mixed, utilization of, in case of apparent fetomaternal hemorrhage (LaFerla, Butch, and Cooley), 581 (Comm. in brief)

Alopecia, generalized: Unusual complication of danazol therapy (Duff

and Mayer), 349 (Comm. in brief) Alpha fetoprotein determinations in management of endodermal sinus tumors and mixed germ cell tumors of ovary (Romero and Schwartz), 126

measurement, human placental lactogen and, efficiency of, in twin pregnancy detection (Knight et al.), 585 (Comm. in brief) screening and diagnosis of fetal open neural tube defects: Need for quality control (Wald et al.), 1 (Clinical opinion)

Amenorrhea, exercise-associated: Distinct entity (Schwartz et al.), 662 American Association of Obstetricians and Gynecologists, American Gynecological Society and, second combined annual meeting, 857-1071

Gynecological Society and American Association of Obstetricians and Gynecologists, transactions, second combined annual meeting, 857-1071

Amniocentesis, amniotic band syndrome associated with (Moessinger et al.), 588 (Comm. in brief)

Amnion, human, control of adenosine-3',5'-monophosphate level in, by prostaglandin E1 and isoproterenol (Kirkpatrick et al.),

Amniophoresis as adjunct to fetoscopy (Perry et al.), 17 Amniotic band syndrome associated with amniocentesis (Moessinger et al.), 588 (Comm. in brief)

fluid absorbance at 650 nm: Comparison with fetal lung maturity characteristics (Khouzami et al.), 212

analysis, assessment of fetal maturity by: Retrospective and prospective study (Chow and Liu), 466 (Comm. in brief)

C-peptide levels in pregnant diabetic women, prenatal assessment of fetal outcome by (Lin et al.), 671 catecholamines and metabolites in intrauterine growth retardation

(Divers et al.), 608

embolism and disseminated intravascular coagulation, death from, after curettage abortion (Cates et al.), 346 (Comm. in brief)

fatal, during legally induced abortion, United States, 1972 to 1978 (Guidotti, Grimes, and Cates), 257

fetal lung fluid and, phospholipid composition of, during late gestation in sheep (Ikegami and Jobe), 227 (Comm. in brief) fluorescence polarization, relationship of, to neonatal lung func-

tion (Cavalieri et al.), 652 human, y-glutamyl transpeptidase of (Palekar et al.), 788 maternal smoking and elevation of catecholamines and metabo-

lites in (Divers et al.), 625 phosphatidylglycerol in stressed pregnancies (Yambao et al.), 191 prostacyclin and thromboxane in normal, preeclamptic, and some other complicated pregnancies (Ylikorkala, Mäkilä, and

Viinikka), 487 stability of phospholipids in (Schwartz et al.), 294

Ampicillin, mezlocillin versus, prospective, randomized trial of, II. Antimicrobial therapy of postpartum endomyometritis (Sorrell et al.), 246

Anaerobic bacteria, genital, comparative susceptibility of mezlocillin and other antibiotics to, I. Antimicrobial therapy of post-partum endomyometritis (Sorrell, Marshall, and Chow),

Androstenedione, maternal plasma, placental clearance rate of, through placental estradiol formation: Indirect method of assessing uteroplacental blood flow (Edman et al.), 1029

Anemia, rhesus hemolytic, dilation of fetal umbilical vein in: Predictor of severe disease (DeVore et al.), 464 (Comm. in brief)

Anesthesia, epidural, effects of bupivacaine and chloroprocaine as local anesthetics for, on fetal heart rate monitoring parameters (Lavin et al.), 717

general and peridural, effect of, on concentrations of prolactin and

corrisol in maternal plasma (Ho Yuen et al.), 483 local versus general, comparative risk of death from induced abortion at ≤ 12 weeks' gestation performed with (Peterson et al.), 763

Anesthetics, local, for epidural anesthesia, effects of bupivacaine and chloroprocaine as, on fetal heart rate monitoring parameters (Lavin et al.), 717

Angiotensin 11, response of ovine uterine blood flow to: Effect on fetus (Bruce et al.), 495

Antenatal dexamethasone administration, effect of, on prevention of respiratory distress syndrome (Collaborative Group on Antenatal Steroid Therapy), 276

Antepartum fetal surveillance in diabetic pregnant patients (Jorge et al.), 641

pyelonephritis, correlation of postpartum intravenous pyelograms with clinical localization of (Harris), 105 (Comm. in brief)

Antibiotic(s), other, mezlocillin and, comparative susceptibility of, to genital anaerobic bacteria, I. Antimicrobial therapy of postpartum endomyometritis (Sorrell, Marshall, and Chow), 242

prophylaxis, selection of patients for, in cesarean sections (Harger and English), 752

Antibodies, Chlamydia trachomatis, prevalence of, in cord blood (San Joaquin, Rettig, and Marks), 101 (Comm. in brief)

^{*}September 1, 1-114; September 15, 115-236; October 1, 237-358; October 15, 359-478; November 1, 479-598; November 15, 599-728; December 1, 729-852; December 15, 853-1096.

Antibodies-Cont'd

sperm-agglutinating, postcoital tests and, in men (Friberg), 76

Antigens, influenza A, cord blood lymphocyte in vitro responses to, after epidemic of influenza A/Port Chalmers/73 (H3N2) (Ruben and Thompson), 443

major histocompatibility complex, maternal and paternal immune responses, and chronic habitual abortions in humans (Beer

tive susceptibility of mezlocillin and other antibiotics to genital anaerobic bacteria (Sorrell, Marshall, and Chow), 242 Antimicrobial therapy of postpartum endomyometritis. 1. Compara-

II. Prospective, randomized trial of mezlocillin versus ampicillin (Sorrell et al.), 246

Appendiceal perforation by Copper-7 intrauterine contraceptive device (Carson, Gatlin, and Mazur), 586 (Comm. in brief)
Arginine, insulin hypoglycemia and, prolactin responses to: Validity

of hypothalamic-pituitary testing in hyperprolactinemia (Archer et al.), 556

Arrhythmias, fetal cardiac, role of echocardiography in (Hawrylyshyn et al.), 223 (Comm. in brief)

Arteriopathy, decidual, in hypertension and diabetes in pregnancy: Immunofluorescent studies (Kitzmiller, Watt, and Driscoll),

Ascites, malignant, associated with advanced gynecologic neoplastic disease (Stratton and DiSaia), 843 (Comm. in brief)

Atrial hemangioma and hydrops fetalis (Platt et al.), 107 (Comm. in brief)

Autonomic control of pelvic circulation: In vivo and in vitro studies in pregnant and nonpregnant sheep (Assali et al.), 873 Azastene, antifertility effect of, mediated by prostaglandin (Hel-

vacioglu, Auletta, and Scommegna), 138

Bacteria, genital anaerobic, comparative susceptibility of mezlocillin and other antibiotics to, I. Antimicrobial therapy of postpartum endomyometritis (Sorrell, Marshall, and Chow),

Band syndrome, amniotic, associated with amniocentesis (Moessinger et al.), 588 (Comm. in brief)

Base, acid, serum electrolytes, and glucose homeostasis, effects of terbutaline on, during management of preterm labor (Cotton et al.), 617

Beat-to-beat fetal heart rate variability, evaluation of: New modality in nonstress testing (Lauersen et al.), 521

Bed, pelvic vascular, responses of, to intra-arterial stimulation of betaadrenergic and cholinergic receptors in pregnant and nonpregnant sheep (Erkkola et al.), 599

Betamethasone, long-term effects of, on fetal development (Johnson et al.), 1053

Binding, estradiol and progesterone, in human term placental cytosol

(Younes, Besch, and Besch), 170 studies, monocyte insulin, in normal and diabetic pregnancies (Gratacos et al.), 611

testosterone, steroid secretion and, in women with ovarian hilus cell tumor and thyrotoxicosis (Sutton, Lyles, and Wiebe), 535

Biochemical and biophysical parameters, outcome of pregnancy, and fetal movement (Harper et al.), 39 Biophysical parameters, biochemical and, outcome of pregnancy, and

fetal movement (Harper et al.), 39 Biparietal diameter, ultrasound femur length and, comparison of, in

late pregnancy (Hohler and Quetel), 759 Bladder perforation owing to unipolar coagulating device (Pakter and

Budnick), 227 (Comm. in brief) Blood cells, red, plasma, myometrium, and endometrium of pregnant human subjects, enzymes for epinephrine synthesis and

metabolism in (Hobel et al.), 1009 coagulation, menopausal status associated with increased inhibition

of (Notelovitz et al.), 149 cord, prevalence of Chlamydia trachomatis antibodies in (San Joaquin,

Rettig, and Marks), 101 (Comm. in brief) flow, ovine uterine, response of, to angiotensin II: Effect on fetus (Bruce et al.), 495

۷I

uteroplacental, indirect method of assessing: Placental clearance rate of maternal plasma androstenedione through placental estradiol formation (Edman et al.), 1029

lymphocyte in vitro responses, cord, to influenza A antigens after epidemic of influenza A/Port Chalmers/73 (H₃N₂) (Ruben and Thompson), 443

Blood-Cont'd

pressure, maternal, and fetal growth (Naeye), 780

rise of, in calcium-deprived pregnant rats (Belizán et al.), 163 vessels, endometrial, effects of progesterone-releasing intrauterine contraceptive device on: Morphometric study (Shaw et al.),

Books received, 235, 477, 597

Boric acid powder, treatment of vulvovaginal candidiasis with (Van Slyke, Michel, and Rein), 145

Breast and female genital system, cancers of: Search for recessive genetic factors through analysis of human isolate (Simpson et al.), 629

Breathing movements, electrocortical activity and, of fetal sheep, effect of 5-hydroxytryptophan on (Quilligan et al.), 271 real-time ultrasound observation of, in fetal lamb (Wittmann et

al.), 807

Brenner tumors, proliferative and malignant (Woodruff et al.), 118 Bupivacaine and chloroprocaine, effects of, as local anesthetics for epidural anesthesia on fetal heart rate monitoring parameters (Lavin et al.), 717

C-peptide levels, amniotic fluid, in pregnant diabetic women, prenatal assessment of fetal outcome by (Lin et al.), 671

Calcium-deprived pregnant rats, rise of blood pressure in (Belizán et al.), 163
Cancer(s) of breast and female genital system: Search for recessive

genetic factors through analysis of human isolate (Simpson et al.), 629

endometrial, gynecologic disorders, and other illnesses, comparison of estrogen use by women with (Stavraky et al.), 547 prognostic significance of peritoneal cytology in patients with, and

preliminary data concerning therapy with intraperitoneal radiopharmaceuticals (Creasman et al.), 921 gynecologic, cis-platinum in. I. Epithelial ovarian cancer (Hall,

Diasio, and Goplerud), 299

11. Squamous cell carcinoma of cervix (Hall, Diasio, and Goplerud), 309

III. Toxicity (Hall, Diasio, and Goplerud), 309 Candidiasis, vulvovaginal, treatment of, with boric acid powder (Van Slyke, Michel, and Rein), 145

Carbon dioxide laser management of cervical intraepithelial neoplasia (Bellina et al.), 828

surgery in treatment of condyloma (Hahn), 1000

Carcinoma, advanced ovarian epithelial, chemotherapy of, with mel-phalan and levamisole: Pilot study of Gynecologic Oncology Group (Kemmann et al.), 58

squamous cell, of cervix, II. cis-Platinum in gynecologic cancer (Hall, Diasio, and Goplerud), 309

vulvovaginal, pelvic exenteration for (Phillips, Buchsbaum, and Lifshitz), 1038

Carcinomatous, normal, and hyperplastic endometria, cytoplasmic progesterone and estradiol receptors in: Therapeutic implications (Ehrlich, Young, and Cleary), 539

Cardiac arrhythmias, fetal, role of echocardiography in (Hawrylyshyn

et al.), 223 (Comm. in brief) response, fetal, to acetylcholine, effect of hypoxemia and acidemia on: Experimental observations in fetal baboons (Yeh et al.),

Catabolism, synthesis and, of progesterone in placentas from normotensive and severely hypertensive patients before and

after parturition (Diaz-Zagoya and Arias), 637 Catecholamines and metabolites, amniotic fluid, in intrauterine growth retardation (Divers et al.), 608

maternal smoking and elevation of, in amniotic fluid (Divers et al.), 625

Cefamandole nafate intrauterine irrigation during cesarean section, febrile morbidity following (Rudd, Long, and Dillon), 12

Cell(s) carcinoma, squamous, of cervix, II. cis-Platinum in gynecologic cancer (Hall, Diasio, and Goplerud), 309

cycles, prolonged, in 45,X; 46,X,del(X)(p11); 46,X,del(X)(q13); and 46,(X),del(X)(q22) fibroblasts, gonadal and statural determinants on X chromosome and their relationship to in vitro studies showing (Simpson and Lebeau), 930 disease, sickle, isovolumetric partial exchange transfusion in man-

agement of, in pregnancy (Nagey, Garcia, and Welt), 403

red blood, plasma, myometrium, and endometrium of pregnant human subjects, enzymes for epinephrine synthesis and metabolism in (Hobel et al.), 1009 Cell(s)-Cont'd

tumor(s), mixed germ, of ovary, endodermal sinus tumors and, alpha fetoprotein determinations in management of (Romero and Schwartz), 126

ovarian hilus, and thyrotoxicosis, steroid secretion and testosterone binding in woman with (Sutton, Lyles, and Wiebe), 535 Cellular immunity, deficient, in endometriosis (Dmowski, Steele, and Baker), 377

Cephalic version, external, with tocolysis, randomized control trial of, in late pregnancy (Van Dorsten, Schifrin, and Wallace), 417

Cervical dysplasias, prevention of, retinoids and (Romney et al.), 890 intraepithelial neoplasia, carbon dioxide laser management of (Bellina et al.), 828

ripening with laminaria, intrauterine fetal death during (Agress and Benedetti), 587 (Comm. in brief) Cervix, squamous cell carcinoma of. 11. cis-Platinum in gynecologic

cancer (Hall, Diasio, and Goplerud), 309

Cesarean section(s), febrile morbidity following cefamandole nafate intrauterine irrigation during (Rudd, Long, and Dillon), 12 selection of patients for antibiotic prophylaxis in (Harger and English), 752

Chair, new delivery, developed and tested at Kongsberg Hospital: Alternative delivery position (Haukeland), 115 (Clinical opinion)

Chemotherapy of advanced ovarian epithelial carcinoma with melphalan and levamisole: Pilot study of Gynecologic Oncology Group (Kemmann et al.), 58

current status of therapeutic modalities for treatment of gynecologic malignancies with emphasis on (Willson et al.), 81 (Current developments)

Chlamydia trachomatis antibodies, prevalence of, in cord blood (San Joaquin, Rettig, and Marks), 101 (Comm. in brief)

Chloride, urea, and sodium, transfer of, across perfused human placenta (Dancis et al.), 677

Chloroprocaine, bupivacaine and, effects of, as local anesthetics for epidural anesthesia on fetal heart rate monitoring parameters (Lavin et al.), 717

Cholestasis of pregnancy, short-term variability of fetal heart rate in (Ämmäla and Kariniemi), 217

Cholinergic receptors, beta-adrenergic and, responses of pelvic vascular bed to intra-arterial stimulation of, in pregnant and nonpregnant sheep (Erkkola et al.), 5

Chorioadenoma destruens, dissociation of, from hydatidiform mole by urinary steroid analysis (Kodama, Kodama, and Totani), 288

Chorionic gonadotropin α-subunit, human, in pregnancy (Benveniste and Scommegna), 952

Chromosome analysis of ectopic human conceptuses (Elias et al.), 698

X, gonadal and statural determinants on, and their relationship to in vitro studies showing prolonged cell cycles in 45,X; 46,X,del(X)(p11); 46,X,del(X)(q13); and 46,X,del(X)(q22)fibroblasts (Simpson and Lebeau), 930

Circulation, pelvic, autonomic control of: In vivo and in vitro studies in pregnant and nonpregnant sheep (Assali et al.), 873

Clearance rate, placental, of maternal plasma androstenedione through placental estradiol formation: Indirect method of assessing uteroplacental blood flow (Edman et al.), 1029

Clinical factors, probability of fetal metabolic acidosis during labor in population at risk as determined by (Low et al.), 941 opinion, 1-4, 115-117, 359-361, 729-734

Coagulating device, unipolar, bladder perforation owing to (Pakter and Budnick), 227 (Comm. in brief)

Coagulation, blood, menopausal status associated with increased inhibition of (Notelovitz et al.), 149

disseminated intravascular, amniotic fluid embolism and, death from, after curettage abortion (Cates et al.), 346

factors in women using oral contraceptives or intrauterine contraceptive devices immediately after abortion (Lähteenmäki et al.), 175

low-dose oral contraceptive usage and (Notelovitz et al.), 71 Colonization, group B streptococcal, of mothers, premature rupture of membranes, and preterm delivery (Regan, Chao, and

Colorado, review of perinatal mortality in, 1971 to 1978, and its relationship to regionalization of perinatal services (Bowes), 1045

Communications in brief, 99-109, 221-229, 344-353, 464-471, 581-591,

Complex antigens, major histocompatibility, maternal and paternal immune responses, and chronic habitual abortions in humans (Beer et al.), 987

Complicated pregnancies, normal and, ultrasonic assessment of fetal kidney function in (Kurjak et al.), 266

pregnancies, some other, normal, preeclamptic, and, amniotic fluid prostacyclin and thromboxane in (Ylikorkala, Mäkilä, and Viinikka), 487

Concentrations of prolactin and cortisol in maternal plasma, effect of general and peridural anesthesia on (Ho Yuen et al.), 483

Conceptuses, ectopic human, chromosome analysis of (Elias et al.), 698 Condyloma, carbon dioxide laser surgery in treatment of (Hahn), 1000 Congenital torticollis, fetal head deformation and, associated with uterine tumor (Romero et al.), 839 (Comm. in brief)

toxoplasmosis: Prevention or palliation (Frenkel), 359 (Clinical opinion)

Contraceptive(s) device, Copper-7 intrauterine, appendiceal perforation by (Carson, Gatlin, and Mazur), 586 (Comm. in brief) progesterone-releasing intrauterine, effects of, on endometrial blood vessels: Morphometric study (Shaw et al.), 821

oral, or intrauterine contraceptive devices, coagulation factors in women using, immediately after abortion (Lähteenmäki et al.), 175

transposition of great vessels in infant exposed to massive doses of (Redline and Abramowsky), 468 (Comm. in brief) usage, low-dose, and coagulation (Notelovitz et al.), 71

Contractility of human fallopian tube, copper and (Lindblom and Hamberger), 398

Copper and contractility of human fallopian tube (Lindblom and Hamberger), 398

-7 intrauterine contraceptive device, appendiceal perforation by (Carson, Gatlin, and Mazur), 586 (Comm. in brief)

Cord blood lymphocyte in vitro responses to influenza A antigens after epidemic of influenza A/Port Chalmers/73 (H₃N₂) (Ruben and Thompson), 443

prevalence of Chlamydia trachomatis antibodies in (San Joaquin, Rettig, and Marks), 101 (Comm. in brief)

compromise, fetal, secondary to umbilical cord hematoma with nonstress test (Dillon and O'Leary), 102 (Comm. in brief) Correspondence, 110-113, 230-234, 354-356, 472-476, 592-596, 846-

Corticosteroids, prospective randomized study of, in management of

premature rupture of membranes and premature gestation (Garite et al.), 508 Cortisol, prolactin and, in maternal plasma, effect of general and

peridural anesthesia on concentrations of (Ho Yuen et al.), 483

Curettage abortion, death from amniotic fluid embolism and dissemi-

nated intravascular coagulation after (Cates et al.), 346 Current developments, 81-98, 319-343, 453-463, 567-580 investigation, 833-837

Cystic fibrosis, prenatal detection of (Nadler et al.), 885

Cytochrome P-450 and steroidogenic enzymes in rat testis and liver microsomal preparations, actions of danazol in vivo on (Betz, Miller, and Hales), 962

Cytology, peritoneal, prognostic significance of, in patients with endometrial cancer and preliminary data concerning therapy with intraperitoneal radiopharmaceuticals (Creasman et al.), 921

Cytoplasmic progesterone and estradiol receptors in normal, hyperplastic, and carcinomatous endometria: Therapeutic implications (Ehrlich, Young, and Cleary), 539

Cytosol, human term placental, estradiol and progesterone binding in (Younes, Besch, and Besch), 170

Cytotoxicity, teratology and placental transfer in rat-Indomethacin (Klein et al.), 448

Danazol, actions of, in vivo on cytochrome P-450 and steroidogenic enzymes in rat testis and liver microsomal preparations (Betz, Miller, and Hales), 962

Endocrine consequences in healthy women (Luciano et al.), 723 pharmacology and therapeutic applications (Barbieri and Ryan), 453 (Current developments)

therapy, unusual complication of: Generalized alopecia (Duff and Mayer), 349 (Comm. in brief)

Daughters, diethylstilbestrol-exposed, reproductive and gynecologic surgical experience in (Herbst et al.), 1019

- Death, comparative risk of, from induced abortion at ≤ 12 weeks' gestation performed with local versus general anesthesia (Peterson et al.), 763
- from amniotic fluid embolism and disseminated intravascular coagulation after curettage abortion (Cates et al.), 346 (Comm. in
- intrauterine fetal, during cervical ripening with laminaria (Agress and Benedetti), 587 (Comm. in brief)
- neonatal, in twins, epidemiology of (McCarthy et al.), 252 Decelerations, variable, on nonstress test of monoamniotic twins (Bar-
- rett, Salyer, and Boehm), 583 (Comm. in brief) Decidua, human, stimulation of prostaglandin production in, by oxytocin, II. Oxytocin and initiation of human parturition
- (Fuchs, Husslein, and Fuchs), 694
 Decidual arteriopathy in hypertension and diabetes in pregnancy: Immunofluorescent str dies (Kitzmiller, Watt, and Driscoll),
- Deformation, fetal head, and congenital torticollis associated with uter-ine tumor (Romero et al.), 839 (Comm. in brief)
- Delivery position, alternative: New delivery chair developed and tested at Kongsberg Hospital (Haukeland), 115 (Clinical opinion)
- premature, incidence of, following oxytocin challenge test (Braly et
- preterm, group B streptococcal colonization of mothers, and premature rupture of membranes (Regan, Chao, and James), 184
- term vaginal, true hermaphroditism with, and review (Williamson, Phansey, and Mathur), 262
- Development, fetal, long-term effects of betamethasone on (Johnson et al.), 1053
- Device(s), Copper-7 intrauterine contraceptive, appendiceal perfora-tion by (Carson, Gatlin, and Mazur), 586 (Comm. in brief)
- intrauterine contraceptive, oral contraceptives or, coagulation factors in women using, immediately after abortion (Lähteenmäki et al.), 175
- progesterone-releasing intrauterine contraceptive, effects of, on endometrial blood vessels: Morphometric study (Shaw et al.),
- unipolar coagulating, bladder perforation owing to (Pakter and Budnick), 227 (Comm. in brief)
- Dexamethasone administration, antenatal, effect of, on prevention of respiratory distress syndrome (Collaborative Group on Antenatal Steroid Therapy), 276
- Diabetes, gestational, animal model of (Kaufmann et al.), 479 clinical experience with screening program for (Lavin, Barden,
- and Miodovnik), 491 hypertension and, in pregnancy, decidual arteriopathy in: Immunofluorescent studies (Kitzmiller, Watt, and Driscoll), 773 insulin-dependent, long-term enteral hyperalimentation in pregnant
- woman with: Report of two cases (Smith et al.), 180 Diabetic nephropathy and perinatal outcome (Kitzmiller et al.), 741
- pregnancies, normal and, monocyte insulin binding studies in (Gratacos et al.), 611 pregnant patients, antepartum fetal surveillance in (Jorge et al.), 641
- women, pregnant, prenatal assessment of fetal outcome by amniotic
- fluid C-peptide levels in (Lin et al.), 671 Diagnosed conditions, compilation of—Prenatal diagnosis (Stephenson and Weaver), 319 (Current developments)
- Diagnosis of fetal open neural tube defects, alpha fetoprotein screening and: Need for quality control (Wald et al.), 1 (Clinical opinion)
 - prenatal-Compilation of diagnosed conditions (Stephenson and Weaver), 319 (Current developments)
 - and management of hepatoomphalocele (Didolkar et al.), 221 (Comm. in brief)
 - ultrasound, of thrombocytopenia with absent radii (Luthy et al.), 350 (Comm. in brief)
- Diameter, biparietal, ultrasound femur length and, comparison of, in late pregnancy (Hohler and Quetel), 759
- Diethylstilbestrol-exposed daughters, reproductive and gynecologic surgical experience in (Herbst et al.), 1019
- Dilation of fetal umbilical vein in rhesus hemolytic anemia: Predictor of severe disease (DeVore et al.), 464 (Comm. in brief)
 Disease, advanced gynecologic neoplastic, malignant ascites associated
 with (Stratton and DiSaia), 843 (Comm. in brief)
- severe, predictor of: Dilation of fetal umbilical vein in rhesus
- hemolytic anemia (DeVore et al.), 464 (Comm. in brief) sickle cell, isovolumetric partial exchange transfusion in management of, in pregnancy (Nagey, Garcia, and Welt), 403

- Disseminated intravascular coagulation, amniotic fluid embolism and,
- death from, after curettage abortion (Cates et al.), 346 Distress syndrome, respiratory, effect of antenatal dexamethasone administration on prevention of (Collaborative Group on Antenatal Steroid Therapy), 276
- Dose(s), low-, oral contraceptive usage and coagulation (Notelovitz et al.), 71
 - pulsatile gonadotropin-releasing hormone, simulation of follicular phase of menstrual cycle by intravenous administration of (Valk, Marshall, and Kelch), 842 (Comm. in brief)
- massive, of oral contraceptives, transposition of great vessels in in-fant exposed to (Redline and Abramowsky), 468 (Comm. in brief)
- Dysplasias, cervical, prevention of, retinoids and (Romney et al.), 890
- E1, prostaglandin, and isoproterenol, control of adenosine-3',5'-monophosphate level in, by (Kirkpatrick et al.), 195
- E₂, lipid-based prostaglandin, vaginal suppository, simpler approach to labor induction using (MacKenzie, Bradley, and Embrey),
- Echocardiography, real-time-directed M-mode: New technique for accurate and rapid quantitation of fetal preejection period and ventricular ejection time of right and left ventricles (DeVore et al.), 479 (Comm. in brief)
 - role of, in fetal cardiac arrhythmias (Hawrylyshyn et al.), 223 (Comm. in brief)
- Eclampsia in lowland gorilla (Baird), 345 (Comm. in brief)
- Ectopic human conceptuses, chromosome analysis of (Elias et al.), 698 Ejection time, ventricular, fetal preejection period and, of right and left ventricles, new technique for accurate and rapid quantitation of: Real-time-directed M-mode echocardiography (DeVore et al.), 479 (Comm. in brief)
- Electrocortical activity and breathing movements of fetal sheep, effect of 5-hydroxytryptophan on (Quilligan et al.), 271
- Electrolytes, serum, glucose homeostasis, and acid base, effects of terbutaline on, during management of preterm labor (Cotton et al.), 617
- Elution, acid, improved method of, and its application in obstetric and pediatric immunohematology (Melvin et al.), 25
- Embolism, amniotic fluid, and disseminated intravascular coagulation, death from, after curettage abortion (Cates et al.), 346 (Comm. in brief)
- fatal amniotic fluid, during legally induced abortion, United States, 1972 to 1978 (Guidotti, Grimes, and Cates), 257
 Embryos, human preimplantation, growth of, in vitro (Edwards et al.),
- Endocrine consequences in healthy women: Danazol (Luciano et al.), 723
- pharmacology and therapeutic applications: Danazol (Barbieri and Ryan), 453 (Current developments) Endodermal sinus tumors and mixed germ cell tumors of ovary, alpha
- fetoprotein determinations in management of (Romero and Schwartz), 126
- Endometrial blood vessels, effects of progesterone-releasing intrauterine contraceptive device on: Morphometric study (Shaw et
 - cancer, gynecologic disorders, and other illnesses, comparison of estrogen use by women with (Stavraky et al.), 547
 - prognostic significance of peritoneal cytology in patients with, and preliminary data concerning therapy with intraperitoneal radiopharmaceuticals (Creasman et al.), 921
 - ossification: Report of additional case (Ceccacci and Clancy), 103 (Comm. in brief)
- tissue, comparison with: Estrogen and progestin receptors in endometriosis lesions (Jänne et al.), 562 Endometriosis, deficient cellular immunity in (Dmowski, Steele, and
- Baker), 377 lesions, estrogen and progestin receptors in: Comparison with en-
- dometrial tissue (Jänne et al.), 562 Endometriotic tissue, human, prostaglandin F in (Moon et al.), 344 (Comm. in brief)
- Endometrium (endometria), normal, hyperplastic, and carcinomatous, cytoplasmic progesterone and estradiol receptors in: Ther-
- apeutic implications (Ehrlich, Young, and Cleary), 539 red blood cells, plasma, and myometrium of pregnant human sub-jects, enzymes for epinephrine synthesis and metabolism in (Hobel et al.), 1009

- Endomyometritis, postpartum, antimicrobial therapy of. I. Comparative susceptibility of mezlocillin and other antibiotics to genital anaerobic bacteria (Sorrell, Marshall, and Chow),
 - II. Prospective, randomized trial of mezlocillin versus ampicillin (Sorrell et al.), 246
- Enteral hyperalimentation, long-term, in pregnant woman with insulin-dependent diabetes: Report of two cases (Smith et al.), 180
- Environmental conditions, different, structure-function correlates under: Neuropathology in chronic fetal lamb preparation (Clapp et al.), 973
- Enzymes for epinephrine synthesis and metabolism in myometrium, endometrium, red blood cells, and plasma of pregnant human subjects (Hobel et al.), 1009
- steroidogenic, in rat testis and liver microsomal preparations, cyto-chrome P-450 and, actions of danazol in vivo on (Betz, Miller, and Hales), 962
- Epidemic of influenza A/Port Chalmers/73 (H3N2), cord blood lymphocyte in vitro responses to influenza A antigens after
- (Ruben and Thompson), 443 Epidemiology of neonatal death in twins (McCarthy et al.), 252
- Epidural anesthesia, effects of bupivacaine and chloroprocaine as local anesthetics for, on fetal heart rate monitoring parameters (Lavin et al.), 717
- Epinephrine synthesis and metabolism, enzymes for, in myometrium, endometrium, red blood cells, and plasma of pregnant human subjects (Hobel et al.), 1009
- Epithelial carcinoma, advanced ovarian, chemotherapy of, with melphalan and levamisole: Pilot study of Gynecologic Oncology Group (Kemmann et al.), 58
- ovarian cancer, I. cis-Platinum in gynecologic cancer (Hall, Diasio, and Goplerud), 299
- Estradiol formation, placental, placental clearance rate of maternal plasma androstenedione through: Indirect method of assessing uteroplacental blood flow (Edman et al.), 1029
- and progesterone binding in human term placental cytosol (Younes, Besch, and Besch), 170
- receptors, cytoplasmic progesterone and, in normal, hyperplastic, and carcinomatous endometria: Therapeutic implications (Ehrlich, Young, and Cleary), 539
- Estrogen(s) and progestin receptors in endometriosis lesions: Comparison with endometrial tissue (Jänne et al.), 562
- receptors in human female lower urinary tract (Iosif et al.), 817 replacement therapy and mixed lymphocyte reaction (Helgason and Von Schoultz), 393
- urinary, in postterm pregnancy (Khouzami et al.), 205
- use by women with endometrial cancer, gynecologic disorders, and other illnesses, comparison of (Stavraky et al.), 547
- Exchange transfusion, isovolumetric partial, in management of sickle cell disease in pregnancy (Nagey, Garcia, and Welt), 403
- Exenteration, pelvic, for vulvovaginal carcinoma (Phillips, Buchsbaum, and Lifshitz), 1038
- Exercise-associated amenorrhea: Distinct entity (Schwartz et al.), 662 Experimental observations in fetal baboons: Effect of hypoxemia and acidemia on fetal cardiac response to acetylcholine (Yeh et al.) 689
- renal hypertension in pregnant sheep. 11. Response to one-kidney model (Brinkman), 895
- External cephalic version with tocolysis, randomized control trial of, in late pregnancy (Van Dorsten, Schifrin, and Wallace), 417

- F, prostaglandin, in human endometriotic tissue (Moon et al.), 344 (Comm. in brief)
- Fallopian tube, human, copper and contractility of (Lindblom and
- Hamberger), 398
 Family planning, natural, randomized prospective study of use-effectiveness of two methods of (Wade et al.), 368
 Fatal amniotic fluid embolism during legally induced abortion, United
- States, 1972 to 1978 (Guidotti, Grimes, and Cates), 257
- Febrile morbidity following cefamandole nafate intrauterine irrigation during cesarean section (Rudd, Long, and Dillon), 12 Femur length, ultrasound, and biparietal diameter, comparison of, in
 - late pregnancy (Hohler and Quetel), 759 fetal, growth of, during normal pregnancy (O'Brien and Queenan), 833 (Current investigation)

- Fertility (anti-) effect of azastene mediated by prostaglandin (Helvacioglu, Auletta, and Scommegna), 138
- Fetal acceleration test (Bishop), 905
- cardiac arrhythmias, role of echocardiography in (Hawrylyshyn et al.), 223 (Comm. in brief)
- response to acetylcholine, effect of hypoxemia and acidemia on: Experimental observations in fetal baboons (Yeh et al.), 682 compartments, maternal and, adrenal-seminal-pituitary protein in
- variety of (Grudzinskas et al.), 425 cord compromise secondary to umbilical cord hematoma with
- nonstress test (Dillon and O'Leary), 102 (Comm. in brief) death, intrauterine, during cervical ripening with laminaria (Agress and Benedetti), 587 (Comm. in brief)
- development, long-term effects of betamethasone on (Johnson et al.), 1053
- femur length, ultrasound, growth of, during normal pregnancy (O'Brien and Queenan), 833 (Current investigation)
- growth, maternal blood pressure and (Naeye), 780 head deformation and congenital torticollis associated with uterine
- tumor (Romero et al.), 839 (Comm. in brief) heart rate, effect of acute hypoxemia and respiratory acidosis on, in
- monkeys (Ikenoue et al.), 797 human, numerical analysis of: Quality of ultrasound records
 - (Dawes et al.), 43 monitoring, controlled trial of, in low-risk obstetric population
 - (Wood et al.), 527 parameters, effects of bupivacaine and chloroprocaine as local anesthetics for epidural anesthesia on (Lavin et al.), 717
 - short-term variability of, in cholestasis of pregnancy (Ammala and Kariniemi), 217
 - variability, beat-to-beat, evaluation of: New modality in nonstress testing (Lauersen et al.), 521
- hemoglobins, minor, in relation to gestational age (Fadel and Abraham), 704
- kidney function, ultrasonic assessment of, in normal and complicated pregnancies (Kurjak et al.), 266
- lamb preparation, chronic, neuropathology in: Structure-function correlates under different environmental conditions (Clapp
 - et al.), 973 real-time ultrasound observation of breathing and movements in (Wittmann et al.), 807
- lung fluid and amniotic fluid, phospholipid composition of, during late gestation in sheep (Ikegami and Jobe), 227 (Comm. in brief)
 - maturity characteristics, comparison with: Amniotic fluid absorbance at 650 nm (Khouzami et al.), 212
- maternal-, vitamin transfer, role of placenta in, in humans (Baker et al.), 792
- maturity, assessment of, by amniotic fluid analysis: Retrospective and prospective study (Chow and Liu), 466 (Comm. in brief) metabolic acidosis, probability of, during labor in population at risk
- as determined by clinical factors (Low et al.), 941 monitoring, routine, during labor, impact of, on fetal outcome with
- long-term follow-up (Ingemarsson, Ingemarsson, and Svenningsen), 29
- movement, biochemical and biophysical parameters, and outcome of pregnancy (Harper et al.), 39
- outcome, prenatal assessment of, by amniotic fluid C-peptide levels in pregnant diabetic women (Lin et al.), 671 preejection period and ventricular ejection time of right and left
- ventricles, new technique for accurate and rapid quantita-tion of: Real-time-directed M-mode echocardiography (DeVore et al.), 479 (Comm. in brief)
- sex, ultrasound determination of (Shaley, Weiner, and Zuckerman), 582 (Comm. in brief)
- sheep, effect of 5-hydroxytryptophan on electrocortical activity and breathing movements of (Quilligan et al.), 271
 - selective distribution of microspheres injected into umbilical veins and inferior venae cavae of (Reuss, Rudolph, and Heymann), 427
- surveillance, antepartum, in diabetic pregnant patients (Jorge et al.), 641
- during labor, continuous transcutaneous oxygen monitoring in (Löfgren), 729 (Clinical opinion)
- thyroidectomy during second trimester, effects of, in ovine fetus (Bhakthavathsalan et al.), 436
- umbilical vein, dilation of, in rhesus hemolytic anemia: Predictor of severe disease (DeVore et al.), 464 (Comm. in brief)

- Fetomaternal hemorrhage, apparent, utilization of specific mixed agglutination in case of (LaFerla, Butch, and Cooley), 581 (Comm. in brief)
- Fetoprotein, alpha, determinations in management of endodermal sinus tumors and mixed germ cell tumors of ovary (Romero and Schwartz), 126
 - measurement, human placental lactogen and, efficiency of, in twin pregnancy detection (Knight et al.), 585 (Comm. in brief) screening and diagnosis of fetal open neural tube defects: Need for quality control (Wald et al.), 1 (Clinical opinion)
- Fetoscopy, amniophoresis as adjunct to (Perry et al.), 17
- Fetus, effect on: Response of ovine uterine blood flow to angiotensin II
- (Bruce et al.), 495 ovine, effects of fetal thyroidectomy during second trimester in (Bhakthavathsalan et al.), 436
- postdate, intrapartum assessment of (Miller and Read), 516 Fibroblasts, 45,X; 46,X,del(X)(p11); 46,X,del(X)(q13); and 46,X,del-
- (X)(q22), gonadal and statural determinants on X chromosome and their relationship to in vitro studies showing prolonged cell cycles in (Simpson and Lebeau), 930
- Fixation of vagina on sacrospinal ligament by vaginal route (vaginaefixatio sacrospinalis vaginalis), long-term results following (Richter and Albrich), 811
- Fluid absorbance, amniotic, at 650 nm: Comparison with fetal lung maturity characteristics (Khouzami et al.), 212
- amniotic, C-peptide levels in pregnant diabetic women, prenatal assessment of fetal outcome by (Lin et al.), 671
- maternal smoking and elevation of catecholamines and metabolites in (Divers et al.), 625
- stability of phospholipids in amniotic fluid (Schwartz et al.), 294 analysis, amniotic, assessment of fetal maturity by: Retrospective and
- prospective study (Chow and Liu), 466 (Comm. in brief) catecholamines, amniotic, and metabolites in intrauterine growth retardation (Divers et al.), 608
- embolism, amniotic, and disseminated intravascular coagulation, death from, after curettage abortion (Cates et al.), 346 (Comm. in brief)
- fatal amniotic, during legally induced abortion, United States, 1972 to 1978 (Guidotti, Grimes, and Cates), 257
- fetal lung, and amniotic fluid, phospholipid composition of, during late gestation in sheep (Ikegami and Jobe), 227 (Comm. in brief)
- fluorescence polarization, amniotic, relationship of, to neonatal lung function (Cavalieri et al.), 652
- human amniotic, γ-glutamyl transpeptidase of (Palekar et al.), 788 phosphatidylglycerol, amniotic, in stressed pregnancies (Yambao et al.), 191
- prostacyclin, amniotic, and thromboxane in normal, preeclamptic, and some other complicated pregnancies (Ylikorkala, Mäkilä, and Viinikka), 487
- Fluorescence polarization, amniotic fluid, relationship of, to neonatal
- lung function (Cavalieri et al.), 652
 Follicle-stimulating hormone, prolactin, luteinizing hormone–releasing hormone, and luteinizing hormone levels in plasma of women with normal menstrual cycles, on correlation of (Aksel), 362
- Follicular phase of menstrual cycle, simulation of, by intravenous administration of low-dose pulsatile gonadotropin-releasing hormone (Valk, Marshall, and Kelch), 842 (Comm. in brief)
- Function-retaining or function-restoring gynecologic surgery (Käser),
 - G
- Genetic factors, recessive, search for, through analysis of human iso-late: Cancers of breast and female genital system (Simpson et al.), 629
- Genital anaerobic bacteria, comparative susceptibility of mezlocillin and other antibiotics to, I. Antimicrobial therapy of postpartum endomyometritis (Sorrell, Marshall, and Chow), 242
- herpes simplex virus infection occurring during pregnancy, management of (Boehm et al.), 735 system, female, breast and, cancers of: Search for recessive genetic

(hij)

- factors through analysis of human isolate (Simpson et al.),
- Germ cell tumors, mixed, of ovary, endodermal sinus tumors and, alpha fetoprotein determinations in management of (Romero and Schwartz), 126
- General anesthesia, local versus, comparative risk of death from induced abortion at ≤ 12 weeks' gestation performed with (Peterson et al.), 763

- General-Cont'd
 - and peridural anesthesia, effect of, on concentrations of prolactin
- and cortisol in maternal plasma (Ho Yuen et al.), 483 Gestation, late, in sheep, phospholipid composition of fetal lung fluid and amniotic fluid during (Ikegami and Jobe), 227 (Comm. in brief)
- 19 weeks', spontaneous rupture of unscarred uterus at (DeWane and McCubbin), 222 (Comm. in brief)
- premature, premature rupture of membranes and, prospective randomized study of corticosteroids in management of (Garite et al.), 508
- ≤ 12 weeks', comparative risk of death from induced abortion at, performed with local versus general anesthesia (Peterson et al.), 763
- Gestational age, minor fetal hemoglobins in relation to (Fadel and Abraham), 704
- diabetes, animal model of (Kaufmann et al.), 479
- clinical experience with screening program for (Lavin, Barden, and Miodovnik), 491
- Glucose homeostasis, acid base, and serum electrolytes, effects of terbutaline on, during management of preterm labor (Cotton et al.), 617
- Glutamyl, γ -, transpeptidase of human amniotic fluid (Palekar et al.), 788
- Glycoprotein (β₁-), pregnancy-specific, as screening test for at-risk pregnancies (Chapman et al.), 499
- Gonadal and statural determinants on X chromosome and their relationship to in vitro studies showing prolonged cell cycles in 45,X; 46,X,del(X)(p11); 46,X,del(X)(q13); and 46,X,del(X)(q22) fibroblasts (Simpson and Lebeau), 930
- Gonadotrophs, functional capacity of, during pregnancy and puerperium (Marrs, Kletzky, and Mishell), 658
- Gonadotropin α-subunit, human chorionic, in pregnancy (Benveniste and Scommegna), 952
 - -releasing hormone, low-dose pulsatile, simulation of follicular phase of menstrual cycle by intravenous administration of (Valk, Marshall, and Kelch), 842 (Comm. in brief)
- Great vessels, transposition of, in infant exposed to massive doses of oral contraceptives (Redline and Abramowsky), 468 (Comm. in brief)
- Grief, unresolved, following loss of infant, treatment of (Turco), 503 Growth, fetal, maternal blood pressure and (Naeye), 780
- retardation, intrauterine, amniotic fluid catecholamines and metabolites in (Divers et al.), 608
- superovulation-induced intrauterine, in mice (Evans et al.), 433 of ultrasound fetal femur length during normal pregnancy (O'Brien and Queenan), 833 (Current investigation)
- Gynecologic cancer, cis-platinum in. I. Epithelial ovarian cancer (Hall, Diasio, and Goplerud), 299
 - II. Squamous cell carcinoma of cervix (Hall, Diasio, and Goplerud), 309
 - III. Toxicity (Hall, Diasio, and Goplerud), 309 disorders, endometrial cancer, and other illnesses, comparison of
 - estrogen use by women with (Stavraky et al.), 547
 - malignancies, current status of therapeutic modalities for treatment of, with emphasis on chemotherapy (Willson et al.), 81 (Current developments)
- neoplastic disease, advanced, malignant ascites associated with (Stratton and DiSaia), 843 (Comm. in brief)
- Oncology Group, pilot study of: Chemotherapy of advanced ovarian epithelial carcinoma with melphalan and levamisole (Kemmann et al.), 58
- surgery, function-retaining or function-restoring (Käser), 864
- surgical experience, reproductive and, in diethylstilbestrol-exposed daughters (Herbst et al.), 1019
- Gynecology, obstetrics-: Time for change (Willson), 857
- Head deformation, fetal, and congenital torticollis associated with uterine tumor (Romero et al.), 839 (Comm. in brief)
- Healthy women, endocrine consequences in: Danazol (Luciano et al.), 723
- Heart rate, fetal, effect of acute hypoxemia and respiratory acidosis on, in monkeys (Ikenoue et al.), 797
 - short-term variability of, in cholestasis of pregnancy (Ammälä and Kariniemi), 217
 - human fetal, numerical analysis of: Quality of ultrasound records (Dawes et al.), 43
 - monitoring, fetal, controlled trial of, in low-risk obstetric population (Wood et al.), 527

Heart rate-Cont'd

parameters, fetal, effects of bupivacaine and chloroprocaine as local anesthetics for epidural anesthesia on (Lavin et al.),

variability, beat-to-beat fetal, evaluation of: New modality in nonstress testing (Lauersen et al.), 521

Hemangioma, atrial, and hydrops fetalis (Platt et al.), 107 (Comm. in brief)

Hematoma, umbilical cord, detection of fetal cord compromise secondary to, with nonstress test (Dillon and O'Leary), 102 (Comm. in brief)

Hematuria, massive postpartum, of right kidney (Tchabo), 106 (Comm. in brief)

Hemoglobinopathies, sickle, management of, in pregnant patients (Miller et al.), 237

Hemoglobins, minor fetal, in relation to gestational age (Fadel and Abraham), 704 Hemolytic anemia, rhesus, dilation of fetal umbilical vein in: Predictor

of severe disease (DeVore et al.), 464 (Comm. in brief) Hemorrhage, apparent fetomaternal, utilization of specific mixed agglutination in case of (LaFerla, Butch, and Cooley), 581

(Comm. in brief) Henoch-Schönlein purpura and pregnancy (McCoy), 469 (Comm. in brief)

Hepatoomphalocele, prenatal diagnosis and management of (Didolkar et al.), 221 (Comm. in brief)

Hermaphroditism, true, with term vaginal delivery and review (Williamson, Phansey, and Mathur), 262

Herpes simplex virus infection, genital, occurring during pregnancy, management of (Boehm et al.), 735

Hilus cell tumor, ovarian, and thyrotoxicosis, steroid secretion and testosterone binding in woman with (Sutton, Lyles, and Wiebe), 535

Histocompatibility complex antigens, major, maternal and paternal immune responses, and chronic habitual abortions in humans (Beer et al.), 987

Homeostasis, glucose, acid base, and serum electrolytes, effects of terbutaline on, during management of preterm labor (Cotton et al.), 617

Hormonal changes during menstrual cycle and urethral pressure profile, relationship between: Urodynamic studies in normal menstrual cycle (Van Geelen et al.), 384

Hormone(s), female sex, are teratogenic (Wilson and Brent), 567 (Current developments)

low-dose pulsatile gonadotropin-releasing, simulation of follicular phase of menstrual cycle by intravenous administration of (Valk, Marshall, and Kelch), 842 (Comm. in brief) luteinizing, –releasing hormone, luteinizing hormone, follicle-stimu-

lating hormone, and prolactin levels in plasma of women with normal menstrual cycles, on correlation of (Aksel), 362

Human chorionic gonadotropin α-subunit in pregnancy (Benveniste and Scommegna), 952

placental lactogen and alpha-fetoprotein measurement, efficiency of, in twin pregnancy detection (Knight et al.), 585 (Comm. in brief)

Hydatidiform mole, dissociation of chorioadenoma destruens from, by urinary steroid analysis (Kodama, Kodama, and Totani),

46,XY, genesis of (Pattillo et al.), 104 (Comm. in brief)

Hydrops fetalis, atrial hemangioma and (Platt et al.), 107 (Comm. in brief)

Hydroxytryptophan, 5-, effect of, on electrocortical activity and breathing movements of fetal sheep (Quilligan et al.), 271

Hyperalimentation, long-term enteral, in pregnant woman with insulin-dependent diabetes: Report of two cases (Smith et al.), 180

Hyperplastic, carcinomatous, and normal endometria, cytoplasmic progesterone and estradiol receptors in: Therapeutic implications (Ehrlich, Young, and Cleary), 539

Hyperprolactinemia, validity of hypothalamic-pituitary testing in: Prolactin responses to insulin hypoglycemia and arginine (Archer et al.), 556

Hypertension and diabetes in pregnancy, decidual arteriopathy in: Immunofluorescent studies (Kitzmiller, Watt, and Driscoll),

experimental renal, in pregnant sheep. II. Response to one-kidney model (Brinkman), 895

Hypertensive patients, severely, normotensive and, before and after parturition, synthesis and catabolism of progesterone in placentas from (Diaz-Zagoya and Arias), 637

Hypoglycemia, insulin, and arginine, prolactin responses to: Validity of hypothalamic-pituitary testing in hyperprolactinemia (Archer et al.), 556

Hypothalamic-pituitary testing in hyperprolactinemia, validity of: Prolactin responses to insulin hypoglycemia and arginine

(Archer et al.), 556 Hypoxemia and acidemia, effect of, on fetal cardiac response to acetylcholine: Experimental observations in fetal baboons (Yeh et al.), 682

acute, and respiratory acidosis, effect of, on fetal heart rate in monkeys (Ikenoue et al.), 797

Hysteroscopic resection of uterine septum (Chervenak and Neuwirth), 351 (Comm. in brief)

Illnesses, other, endometrial cancer, and gynecologic disorders, comparison of estrogen use by women with (Stavraky et al.), 547

Immune responses, maternal and paternal, major histocompatibility complex antigens, and chronic habitual abortions in humans (Beer et al.), 987

Immunity, deficient cellular, in endometriosis (Dmowski, Steele, and Baker), 377

Immunofluorescent studies: Decidual arteriopathy in hypertension and diabetes in pregnancy (Kitzmiller, Watt, and Driscoll),

Immunohematology, obstetric and pediatric, improved method of acid elution and its application in (Melvin et al.), 25

Indomethacin, effect of prostaglandin synthesis inhibition by, on ovulation and ovum maturation in in vitro perfused rabbit ovary (Kobayashi et al.), 53

-Placental transfer, cytotoxicity, and teratology in rat (Klein et al.),

Induced abortion, comparative risk of death from, at ≤ 12 weeks' gestation performed with local versus general anesthesia (Peterson et al.), 763

legally, fatal amniotic fluid embolism during, United States, 1972 to 1978 (Guidotti, Grimes, and Cates), 257

Risk factor for placenta previa (Barrett, Boehm, and Killam), 769 Induction of labor by oxytocin, prostaglandin release during, I. Oxytocin and initiation of human parturition (Husslein, Fuchs, and Fuchs), 688

simpler approach to, using lipid-based prostaglandin E2 vaginal suppository (MacKenzie, Bradley, and Embrey), 158

of ovulation with menotropins in women with polycystic ovary syndrome (Kemmann et al.), 58

Infant exposed to massive doses of oral contraceptives, transposition of great vessels in (Redline and Abramowsky), 468 (Comm. in brief

treatment of unresolved grief following loss of (Turco), 503

Infection, genital herpes simplex virus, occurring during pregnancy, management of (Boehm et al.), 735

renal, and pregnancy outcome (Gilstrap et al.), 709

Inferior venae cavae, umbilical veins and, of fetal sheep, selective distribution of microspheres injected into (Reuss, Rudolph, and Heymann), 427

Influenza A antigens, cord blood lymphocyte in vitro responses to, after epidemic of influenza A/Port Chalmers/73 (H3N2) (Ruben and Thompson), 443

Injected into umbilical veins and inferior venae cavae of fetal sheep, selective distribution of microspheres (Reuss, Rudolph, and Heymann), 427

Insulin binding studies, monocyte, in normal and diabetic pregnancies (Gratacos et al.), 611

-dependent diabetes, long-term enteral hyperalimentation in pregnant woman with: Report of two cases (Smith et al.), 180 hypoglycemia and arginine, prolactin responses to: Validity of hy-

pothalamic-pituitary testing in hyperprolactinemia (Archer et al.), 556

Intra-arterial stimulation of beta-adrenergic and cholinergic receptors, responses of pelvic vascular bed to, in pregnant and nonpregnant sheep (Erkkola et al.), 5 Intraepithelial neoplasia, cervical, carbon dioxide laser management of

(Bellina et al.), 828

Intrapartum assessment of postdate fetus (Miller and Read), 516

Intraperitoneal radiopharmaceuticals, preliminary data concerning therapy with, prognostic significance of peritoneal cytology in patients with endometrial cancer and (Creasman et al.),

Intrauterine contraceptive device(s), Copper-7, appendiceal perforation by (Carson, Gatlin, and Mazur), 586 (Comm. in brief)

Intrauterine contraceptive device(s)-Cont'd

oral contraceptives or, coagulation factors in women using, im-

mediately after abortion (Lähteenmäki et al.), 175 progesterone-releasing, effects of, on endometrial blood vessels: Morphometric study (Shaw et al.), 821

fetal death during cervical ripening with laminaria (Agress and Benedetti), 587 (Comm. in brief)

growth retardation, amniotic fluid catecholamines and metabolites in (Divers et al.), 608

superovulation-induced, in mice (Evans et al.), 433

irrigation, cefamandole nafate, during cesarean section, febrile morbidity following (Rudd, Long, and Dillon), 12

Intravascular coagulation, disseminated, amniotic fluid embolism and,

death from, after curettage abortion (Cates et al.), 346 Intravenous administration of low-dose pulsatile gonadotropin-releas-ing hormone, simulation of follicular phase of menstrual cycle by (Valk, Marshall, and Kelch), 842 (Comm. in brief)

pyelograms, postpartum, correlation of, with clinical localization of antepartum pyelonephritis (Harris), 105 (Comm. in brief)

Inversion, acute puerperal, of uterus (Platt and Druzin), 187 Irrigation, cefamandole nafate intrauterine, during cesarean section, febrile morbidity following (Rudd, Long, and Dillon), 12

Isolate, human, search for recessive genetic factors through analysis of: Cancers of breast and female genital system (Simpson et al.), 629

Isoproterenol, prostaglandin E1 and, control of adenosine-3',5'-monophosphate level in, by (Kirkpatrick et al.), 195

Isovolumetric partial exchange transfusion in management of sickle cell disease in pregnancy (Nagey, Garcia, and Welt), 403 Items, 114, 236, 357-358, 478, 598, 728, 851-852, 1072

Kidney function, fetal, ultrasonic assessment of, in normal and complicated pregnancies (Kurjak et al.), 266

one-, model, response to, II. Experimental renal hypertension in pregnant sheep (Brinkman), 895

right, massive postpartum hematuria (Tchabo), 106 (Comm. in brief)

Kongsberg Hospital, new delivery chair developed and tested at: Alternative delivery position (Haukeland), 115 (Clinical opinion)

Labor, continuous transcutaneous oxygen monitoring in fetal surveillance (Löfgren), 729 (Clinical opinion)

impact of routine fetal monitoring during, on fetal outcome with long-term follow-up (Ingemarsson, Ingemarsson, and Svenningsen), 29

induction, simpler approach to, using lipid-based prostaglandin E2 vaginal suppository (MacKenzie, Bradley, and Embrey), 158

preterm, effects of terbutaline on acid base, serum electrolytes, and glucose homeostasis during management of (Cotton et al.),

probability of fetal metabolic acidosis during, in population at risk as determined by clinical factors (Low et al.), 941

prostaglandin release during induction of labor by, I. Oxytocin and initiation of human parturition (Husslein, Fuchs, and Fuchs), 688

Lactogen, human placental, and alpha-fetoprotein measurement, efficiency of, in twin pregnancy detection (Knight et al.), 585 (Comm. in brief)

Laminaria, cervical ripening with, intrauterine fetal death during (Agress and Benedetti), 587 (Comm. in brief)

Laser management, carbon dioxide, of cervical intraepithelial neoplasia (Bellina et al.), 828

surgery, carbon dioxide, in treatment of condyloma (Hahn), 1000 Legally induced abortion, fatal amniotic fluid embolism during, United States, 1972 to 1978 (Guidotti, Grimes, and Cates), 257

Length, ultrasound fetal femur, growth of, during normal pregnancy (O'Brien and Queenan), 833 (Current investigation) femur, and biparietal diameter, comparison of, in late pregnancy

(Hohler and Quetel), 759

Lesions, endometriosis, estrogen and progestin receptors in: Comparison with endometrial tissue (Jänne et al.), 562

Levamisole, melphalan and, chemotherapy of advanced ovarian epithelial carcinoma with: Pilot study of Gynecologic Oncology Group (Kemmann et al.), 58

Ligament, sacrospinal, fixation of vagina on, by vaginal route (vaginaefixatio sacrospinalis vaginalis), long-term results follow ing (Richter and Albrich), 811

Lipid-based prostaglandin E2 vaginal suppository, simpler approach to labor induction using (MacKenzie, Bradley, and Embrey), 158

Liver microsomal preparations, rat testis and, actions of danazol in vivo on cytochrome P-450 and steroidogenic enzymes in (Betz, Miller, and Hales), 962

Local anesthetics for epidural anesthesia, effects of bupivacaine and chloroprocaine as, on fetal heart rate monitoring parameters (Lavin et al.), 717

versus general anesthesia, comparative risk of death from induced abortion at ≤12 weeks' gestation performed with (Peterson

Loss of infant, treatment of unresolved grief following (Turco), 503 Lung and adrenal neurosympathetic development, sex differences in, in rabbits (Padbury et al.), 199

fluid, fetal, and amniotic fluid, phospholipid composition of, during late gestation in sheep (Ikegami and Jobe), 227 (Comm. in brief)

function, neonatal, relationship of amniotic fluid fluorescence polarization to (Cavalieri et al.), 652

maturity characteristics, fetal, comparison with: Amniotic fluid absorbance at 650 nm (Khouzami et al.), 212 Luteal phase of menstrual cycle, toxic shock syndrome occurring in

(Podlas et al.), 225 (Comm. in brief)

Luteinizing hormone-releasing hormone, luteinizing hormone, follicle-stimulating hormone, and prolactin levels in plasma of women with normal menstrual cycles, on correlation of (Aksel), 362

Lymph node metastases, potential for: Adenocarcinoma of uterine tube (Tamimi and Figge), 132

Lymphocyte reaction, mixed, estrogen replacement therapy and (Helgason and Von Schoultz), 393

in vitro responses, cord blood, to influenza A antigens after epidemic of influenza A/Port Chalmers/73 (H₃N₂) (Ruben and Thompson), 443

M

M-mode echocardiography, real-time-directed: New technique for ac-curate and rapid quantitation of fetal preejection period and ventricular ejection time of right and left ventricles (DeVore et al.), 479 (Comm. in brief)

Malformations, vaginal (Evans, Poland, and Boving), 910

Malignancies, gynecologic, current status of therapeutic modalities for treatment of, with emphasis on chemotherapy (Willson et al.), 81 (Current developments)

Malignant ascites associated with advanced gynecologic neoplastic disease (Stratton and DiSaia), 843 (Comm. in brief)

Brenner tumors, proliferative and (Woodruff et al.), 118 Maternal blood pressure and fetal growth (Naeye), 780

and fetal compartments, adrenal-seminal-pituitary protein in variety of (Grudzinskas et al.), 425

vitamin transfer, role of placenta in, in humans (Baker et al.), 792 and paternal immune responses, major histocompatibility complex antigens and chronic habitual abortions in humans (Beer et al.), 987

plasma androstenedione, placental clearance rate of, through pla-cental estradiol formation: Indirect method of assessing uteroplacental blood flow (Edman et al.), 1029

effect of general and peridural anesthesia on concentrations of prolactin and cortisol in (Ho Yuen et al.), 483

smoking and elevation of catecholamines and metabolites in amni-

otic fluid (Divers et al.), 625 Maturation, ovum, ovulation and, effect of prostaglandin synthesis inhibition by indomethacin on, in in vitro perfused rabbit ovary (Kobayashi et al.), 53

Maturity characteristics, fetal lung, comparison with: Amniotic fluid absorbance at 650 nm (Khouzami et al.), 212

fetal, assessment of, by amniotic fluid analysis: Retrospective and prospective study (Chow and Liu), 466 (Comm. in brief) Melphalan and levamisole, chemotherapy of advanced ovarian epithe-

lial carcinoma with: Pilot study of Gynecologic Oncology Group (Kemmann et al.), 58

Membranes, premature rupture of, and premature gestation, prospective randomized study of corticosteroids in management of (Garite et al.), 508

preterm delivery, and group B streptococcal colonization of mothers (Regan, Chao, and James), 184

Men, postcoital tests and sperm-agglutinating antibodies in (Friberg), 76

- Menopausal status associated with increased inhibition of blood coagulation (Notelovitz et al.), 149
- Menotropins, induction of ovulation with, in women with polycystic ovary syndrome (Kemmann et al.), 58
- Menstrual cycle(s), human, myometrial prostaglandins during (Vijaya-kumar and Walters), 313
 - normal, on correlation of luteinizing hormone-releasing hormone, luteining hormone, follicle-stimulating hormone, and prolactin levels in plasma of women with (Aksel), 369
 - urodynamic studies in: Relationship between hormonal changes during menstrual cycle and urethral pressure profile (Van Geelen et al.), 384
 - simulation of follicular phase of, by intravenous administration of low-dose pulsatile gonadotropin-releasing hormone (Valk, Marshall, and Kelch), 842 (Comm. in brief)
- toxic shock syndrome occurring in luteal phase of (Podlas et al.), 225 (Comm. in brief)
- Metabolic acidosis, fetal, probability of, during labor in population at risk as determined by clinical factors (Low et al.), 941
- Metabolism, epinephrine synthesis and, enzymes for, in myometrium, endometrium, red blood cells, and plasma of pregnant human subjects (Hobel et al.), 1009
- Metabolites, amniotic fluid catecholamines and, in intrauterine growth retardation (Divers et al.), 608
- catecholamines and, maternal smoking and elevation of, in amniotic fluid (Divers et al.), 625
- Metastases, lymph node, potential for: Adenocarcinoma of uterine tube (Tamimi and Figge), 132
- Mezlocillin and other antibiotics, comparative susceptibility of, to genital anaerobic bacteria, I. Antimicrobial therapy of postpartum endomyometritis (Sorrell, Marshall, and Chow), 242
- versus ampicillin, prospective, randomized trial of, II. Antimicrobial therapy of postpartum endomyometritis (Sorrell et al.), 246 Microsomal preparations, rat testis and liver, actions of danazol in vivo
- on cytochrome P-450 and steroidogenic enzymes in (Betz, Miller, and Hales), 962
- Microspheres injected into umbilical veins and inferior venae cavae of fetal sheep, selective distribution of (Reuss, Rudolph, and Heymann), 427
- Minor fetal hemoglobins in relation to gestational age (Fadel and Abraham), 704
- Mitral valve prolapse and pregnancy (Rayburn and Fontana), 9
- Mixed agglutination, specific, utilization of, in case of apparent fetomaternal hemorrhage (LaFerla, Butch, and Cooley), 581 (Comm. in brief)
- lymphocyte reaction, estrogen replacement therapy and (Helgason and Von Schoultz), 393
- Mole, 46,XY hydatidiform, genesis of (Pattillo et al.), 104 (Comm. in brief)
- hydatidiform, dissociation of chorioadenoma destruens from, by urinary steroid analysis (Kodama, Kodama, and Totani),
- Monitoring, continuous transcutaneous oxygen, in fetal surveillance during labor (Löfgren), 729 (Clinical opinion)
- fetal heart rate, controlled trial of, in low-risk obstetric population (Wood et al.), 527
- parameters, fetal heart rate, effects of bupivacaine and chloroprocaine as local anesthetics for epidural anesthesia on (Lavin et al.), 717
- routine fetal, during labor, impact of, on fetal outcome with longterm follow-up (Ingemarsson, Ingemarsson, and Svenningsen), 29
- Monoamniotic twins, variable decelerations on nonstress test of (Barrett, Salyer, and Boehm), 583 (Comm. in brief)
- Monocyte insulin binding studies in normal and diabetic pregnancies (Gratacos et al.), 611
- Morbidity, febrile, following cefamandole nafate intrauterine irrigation during cesarean section (Rudd, Long, and Dillon), 12 Morphometric study: Effects of progesterone-releasing intrauterine
- contraceptive device on endometrial blood vessels (Shaw et al.), 821 Mortality, perinatal, in Colorado, 1971 to 1978, review of, and its rela-
- tionship to regionalization of perinatal services (Bowes),
- Mothers, group B streptococcal colonization of, premature rupture of membranes, and preterm delivery (Regan, Chao, and James), 184
- Movement(s), breathing, electrocortical activity and, of fetal sheep, effect of 5-hydroxytryptophan on (Quilligan et al.), 271

- Movement(s), breathing-Cont'd
 - and, real-time ultrasound observation of, in fetal lamb (Wittmann et al.), 807
- fetal, biochemical and biophysical parameters, and outcome of pregnancy (Harper et al.), 39
- Myometrial prostaglandins during human menstrual cycle (Vijayakumar and Walters), 313
- Myometrium, endometrium, red blood cells, and plasma of pregnant human subjects, enzymes for epinephrine synthesis and metabolism in (Hobel et al.), 1009

- Natural family planning, randomized prospective study of use-effectiveness of two methods of (Wade et al.), 368
- Neonatal death in twins, epidemiology of (McCarthy et al.), 252 lung function, relationship of amniotic fluid fluorescence polariza-
- tion to (Cavalieri et al.), 652 Neoplasia, cervical intraepithelial, carbon dioxide laser management of
- (Bellina et al.), 828
- Neoplastic disease, advanced gynecologic, malignant ascites associated with (Stratton and DiSaia), 843 (Comm. in brief)
- Nephropathy, diabetic, and perinatal outcome (Kitzmiller et al.), 741 Neural tube defects, fetal open, diagnosis of, alpha fetoprotein screening and: Need for quality control (Wald et al.), 1 (Clinical opinion)
- Neuropathology in chronic fetal lamb preparation: Structure-function correlates under different environmental conditions (Clapp et al.), 973
- Neurosympathetic development, lung and adrenal, sex differences in, in rabbits (Padbury et al.), 199
- Node metastases, lymph, potential for: Adenocarcinoma of uterine
- tube (Tamimi and Figge), 132 Nonstress test, detection of fetal cord compromise secondary to umbilical cord hematoma with (Dillon and O'Leary), 102 (Comm.
 - Evaluation of 1,000 patients (Barrett, Salyer, and Boehm), 153
 - How long is enough (Brown and Patrick), 646 of monoamniotic twins, variable decelerations on (Barrett, Salyer, and Boehm), 583 (Comm. in brief)
 - testing, new modality in: Evaluation of beat-to-beat fetal heart rate variability (Lauersen et al.), 521
- Normotensive and severely hypertensive patients before and after par-turition, synthesis and catabolism of progesterone in pla-centas from (Diaz-Zagoya and Arias), 637 Numerical analysis of human fetal heart rate: Quality of ultrasound
- records (Dawes et al.), 43

- Obstetric(s)-gynecology: Time for change (Willson), 857
- and pediatric immunohematology, improved method of acid elution and its application in (Melvin et al.), 25
- population, low-risk, controlled trial of fetal heart rate monitoring in (Wood et al.), 527
- Oncology Group, Gynecologic, pilot study of: Chemotherapy of advanced ovarian epithelial carcinoma with melphalan and levamisole (Kemmann et al.), 58
- Oral contraceptive(s) or intrauterine contraceptive devices, coagulation factors in women using, immediately after abortion (Lähteenmäki et al.), 175
 - transposition of great vessels in infant exposed to massive doses of (Redline and Abramowsky), 468 (Comm. in brief)
- usage, low-dose, and coagulation (Notelovitz et al.), 71 Ossification, endometrial: Report of additional case (Ceccacci and
- Clancy), 102 (Comm, in brief) Ovarian cancer, epithelial, I. cis-Platinum in gynecologic cancer (Hall,
- Diasio, and Goplerud), 299 epithelial carcinoma, advanced, chemotherapy of, with melphalan
- and levamisole: Pilot study of Gynecologic Oncology Group (Kemmann et al.), 58 hilus cell tumor and thyrotoxicosis, steroid secretion and testoster-
- one binding in woman with (Sutton, Lyles, and Wiebe), 535 Ovary, mixed germ cell tumors of, endodermal sinus tumors and, alpha fetoprotein determinations in management of (Romero and Schwartz), 126
- syndrome, polycystic, induction of ovulation with menotropins in women with (Kemmann et al.), 58
- in vitro perfused rabbit, effect of prostaglandin synthesis inhibition by indomethacin on ovulation and ovum maturation in (Kobayashi et al.), 53

- Ovulation, induction of, with menotropins in women with polycystic ovary syndrome (Kemmann et al.), 58
- and ovum maturation in in vitro perfused rabbit ovary, effect of prostaglandin synthesis inhibition by indomethacin on (Kobayashi et al.), 53
- Ovum maturation, ovulation and, in in vitro perfused rabbit ovary, effect of prostaglandin synthesis inhibition by indomethacin on (Kobayashi et al.), 53
- Oxygen monitoring, continuous transcutaneous, in fetal surveillance during labor (Lögren), 729 (Clinical opinion)
- Oxytocin challenge test, incidence of premature delivery following (Braly et al.), 5
- and initiation of human parturition. I. Prostaglandin release during induction of labor by oxytocin (Husslein, Fuchs, and Fuchs), 688
 - II. Stimulation of prostaglandin production in human decidua by oxytocin (Fuchs, Husslein, and Fuchs), 694

- Papers of Society for Gynecologic Investigation, 599-727
- Parturition, human, oxytocin and initiation of. I. Prostaglandin release during induction of labor by oxytocin (Husslein, Fuchs, and Fuchs) 688
 - Stimulation of prostaglandin production in human de-cidua by oxytocin (Fuchs, Husslein, and Fuchs), 694
- synthesis and catabolism of progesterone in placentas from normotensive and severely hypertensive patients before and after (Diaz-Zagoya and Arias), 637
- Paternal immune responses, maternal and, major histocompatibility complex antigens, and chronic habitual abortions in humans (Beer et al.), 987
- Pathogenesis, possible, for recurrent toxic shock syndrome (Schlossberg), 348 (Comm. in brief)
- Pediatric immunohematology, obstetric and, improved method of acid
- elution and its application in (Melvin et al.), 25 Pelvic circulation, autonomic control of: In vivo and in vitro studies in pregnant and nonpregnant sheep (Assali et al.), 873
 - exenteration for vulvovaginal carcinoma (Phillips, Buchsbaum, and Lifshitz), 1038
- vascular bed, responses of, to intra-arterial stimulation of betaadrenergic and cholinergic receptors in pregnant and non-pregnant sheep (Erkkola et al.), 599 Peptide, C-, levels, amniotic fluid, in pregnant diabetic women, pre-
- natal assessment of fetal outcome by (Lin et al.), 671
- Perforation, appendiceal, by Copper-7 intrauterine contraceptive device (Carson, Gatlin, and Mazur), 586 (Comm. in brief) bladder, owing to unipolar coagulating device (Pakter and Budnick),
- 227 (Comm. in brief) Perfused human placenta, transfer of urea, sodium, and chloride
- across (Dancis et al.), 677 rabbit ovary, in vitro, effect of prostaglandin synthesis inhibition by indomethacin on ovulation and ovum maturation in
- (Kobayashi et al.), 53 Peridural anesthesia, general and, effect of, on concentrations of pro-
- lactin and cortisol in maternal plasma (Ho Yuen et al.), 483 Perinatal mortality in Colorado, 1971 to 1978, review of, and its relationship to regionalization of perinatal services (Bowes), 1045
- outcome, diabetic nephropathy and (Kitzmiller et al.), 741 Peritoneal cytology, prognostic significance of, in patients with endo-metrial cancer and preliminary data concerning therapy with intraperitoneal radiopharmaceuticals (Creasman et al.), 921
- Pharmacology, endocrine, and therapeutic applications: Danazol (Bar-
- bieri and Ryan), 453 (Current developments) Phosphatidylglycerol, amniotic fluid, in stressed pregnancies (Yambao et al.), 191
- Phospholipid(s) composition of fetal lung fluid and amniotic fluid during late gestation in sheep (Ikegami and Jobe), 227 (Comm. in brief)
- stability of, in amniotic fluid (Schwartz et al.), 294
- Pituitary-adrenal-seminal protein in variety of maternal and fetal compartments (Grudzinskas et al.), 425
 - hypothalamic-, testing in hyperprolactinemia, validity of: Prolactin responses to insulin hypoglycemia and arginine (Archer et al.), 556
- Placenta(s) from normotensive and severely hypertensive patients before and after parturition, synthesis and catabolism of progesterone in (Diaz-Zagoya and Arias), 637

- Placenta(s)-Cont'd
- perfused human, transfer of urea, sodium, and chloride across (Dancis et al.), 677
- previa, risk factor for: Induced abortion (Barrett, Boehm, and Killam), 769
- role of, in maternal-fetal vitamin transfer in humans (Baker et al.), 792
- Placental clearance rate of maternal plasma androstenedione through placental estradiol formation: Indirect method of assessing uteroplacental blood flow (Edman et al.), 1029
- cytosol, human term, estradiol and progesterone binding in (Younes, Besch, and Besch), 170
- lactogen, human, and alpha-fetoprotein measurement, efficiency of, in twin pregnancy detection (Knight et al.), 585 (Comm. in brief)
- transfer, cytotoxicity, and teratology in rat-Indomethacin (Klein et al.), 448
- Planning, natural family, randomized prospective study of use-effectiveness of two methods of (Wade et al.), 368
- Plasma androstenedione, maternal, placental clearance rate of, through placental estradiol formation: Indirect method of assessing uteroplacental blood flow (Edman et al.), 1029
- maternal, effect of general and peridural anesthesia on concentrations of prolactin and cortisol in (Ho Yuen et al.), 483 myometrium, endometrium, and red blood cells of pregnant human
- subjects, enzymes for epinephrine synthesis and metabolism in (Hobel et al.), 1009
- of women with normal menstrual cycles, on correlation of luteinizing hormone-releasing hormone, luteinizing hormone, folli-cle-stimulating hormone, and prolactin levels in (Aksel), 362
- Platinum (cis-) in gynecologic cancer. I. Epithelial ovarian cancer (Hall, Diasio, and Goplerud), 299
 - II. Squamous cell carcinoma of cervix (Hall, Diasio, and Goplerud), 309
 - III. Toxicity (Hall, Diasio, and Goplerud), 309
- Polarization, amniotic fluid fluorescence, relationship of, to neonatal lung function (Cavalieri et al.), 652
- Polycystic ovary syndrome, induction of ovulation with menotropins in women with (Kemmann et al.), 58
- Population, low-risk obstetric, controlled trial of fetal heart rate monitoring in (Wood et al.), 527
- at risk as determined by clinical factors, probability of fetal metabolic acidosis during labor in (Low et al.), 941
- Port Chalmers/73, A/, (H₃N₂), influenza, cord blood lymphocyte in vitro responses to influenza A antigens after epidemic of
- (Ruben and Thompson), 443 Position, alternative delivery: New delivery chair developed and tested at Kongsberg Hospital (Haukeland), 115 (Clinical opinion)
- Postcoital tests and sperm-agglutinating antibodies in men (Friberg), 76
- Postdate fetus, intrapartum assessment of (Miller and Read), 516
- Postpartum endomyometritis, antimicrobial therapy of. I. Comparative susceptibility of mezlocillin and other antibiotics to genital anaerobic bacteria (Sorrell, Marshall, and Chow),
 - II. Prospective, randomized trial of mezlocillin versus ampicillin (Sorrell et al.), 246
- hematuria, massive, of right kidney (Tchabo), 106 (Comm. in brief) intravenous pyelograms, correlation of, with clinical localization of antepartum pyelonephritis (Harris), 105 (Comm. in brief)
- Postterm pregnancy, urinary estrogens in (Khouzami et al.), 205 Powder, boric acid, treatment of vulvovaginal candidiasis with (Van Slyke, Michel, and Rein), 145
- Preeclamptic, some other complicated, and normal pregnancies, amniotic fluid prostacyclin and thromboxane in (Ylikorkala, Mäkilä, and Viinikka), 487
- Preejection period and ventricular ejection time, fetal, of right and left ventricles, new technique for accurate and rapid quantita-tion of: Real-time-directed M-mode echocardiography (DeVore et al.), 479 (Comm. in brief)
- Pregnancy (pregnancies), cholestasis of, short-term variability of fetal heart rate in (Ämmälä and Kariniemi), 217
 - decidual arteriopathy in hypertension and diabetes in: Immu-nofluorescent studies (Kitzmiller, Watt, and Driscoll), 773
 - detection, twin, efficiency of human placental lactogen and alphafetoprotein measurement in (Knight et al.), 585 (Comm. in

Pregnancy (pregnancies)-Cont'd

Henoch-Schönlein purpura and (McCoy), 469 (Comm. in brief) human chorionic gonadotropin α-subunit in (Benveniste and Scommegna), 952

isovolumetric partial exchange transfusion in management of sickle cell disease in (Nagey, Garcia, and Welt), 403

late, comparison of ultrasound femur length and biparietal diameter in (Hohler and Quetel), 759

randomized control trial of external cephalic version with tocolysis in (Van Dorsten, Schifrin, and Wallace), 417

management of genital herpes simplex virus infection occurring during (Boehm et al.), 735

mitral valve prolapse and (Rayburn and Fontana), 9

normal and complicated, ultrasonic assessment of fetal kidney function in (Kurjak et al.), 266

diabetic, monocyte insulin binding studies in (Gratacos et al.), 611 growth of ultrasound fetal femur length during (O'Brien and Queenan), 833 (Current investigation) preeclamptic, and some other complicated, amniotic fluid pros-

tacyclin and thromboxane in (Ylikorkala, Mäkilä, and Viinikka), 487

outcome of, fetal movement, and biochemical and biophysical parameters (Harper et al.), 39 renal infection and (Gilstrap et al.), 700

in patients with ventriculoperitoneal shunts: Report of two cases (Howard and Herrick), 99 (Comm. in brief) postterm, urinary estrogens in (Khouzami et al.), 205

and puerperium, functional capacity of gonadotrophs during (Marrs, Kletzky, and Mishell), 658

-specific β_1 -glycoprotein as screening test for at-risk pregnancies (Chapman et al.), 499

stressed, amniotic fluid phosphatidylglycerol in (Yambao et al.), 191 thrombotic thrombocytopenic purpura in: Reappraisal (Thiagarajah et al.), 20

tuberous sclerosis in (Reece, Gimovsky, and Petrie), 467 (Comm. in brief)

unilateral tubal quadruplet (Fujii et al.), 840 (Comm. in brief)

Pregnant diabetic women, prenatal assessment of fetal outcome by amniotic fluid C-peptide levels in (Lin et al.), 671

human subjects, enzymes for epinephrine synthesis and metabolism in myometrium, endometrium, red blood cells, and plasma of (Hobel et al.), 1009

uterus, torsion of, without symptoms (Nielsen), 838 (Comm. in brief)

and nonpregnant sheep, responses of pelvic vascular bed to intraarterial stimulation of beta-adrenergic and cholinergic receptors in (Erkkola et al.), 5

in vivo and in vitro studies in: Autonomic control of pelvic circulation (Assali et al.), 873

patients, diabetic, antepartum fetal surveillance in (Jorge et al.), 641

management of sickle hemoglobinopathies in (Miller et al.), 237 rats, calcium-deprived, rise of blood pressure in (Belizán et al.), 163

sheep, experimental renal hypertension in. II. Response to onekidney model (Brinkman), 895

with insulin-dependent diabetes, long-term enteral hyperalimentation in: Report of two cases (Smith et al.), 180 Preimplantation embryos, human, growth of, in vitro (Edwards et al.),

408 Premature delivery, incidence of, following oxytocin challenge test (Braly et al.), 5

rupture of membranes and premature gestation, prospective randomized study of corticosteroids in management of (Garite et al.), 508

preterm delivery, and group B streptococcal colonization of mothers (Regan, Chao, and James), 184

Prenatal assessment of fetal outcome by amniotic fluid C-peptide levels in pregnant diabetic women (Lin et al.), 671

detection of cystic fibrosis (Nadler et al.), 885 diagnosis—Compilation of diagnosed conditions (Stephenson and Weaver), 319 (Current developments)

and management of hepatoomphalocele (Didolkar et al.), 221 (Comm. in brief)

ultrasound diagnosis of thrombocytopenia with absent radii (Luthy

et al.), 350 (Comm. in brief) Pressure profile, urethral, relationship between hormonal changes during menstrual cycle and: Urodynamic studies in normal menstrual cycle (Van Geelen et al.), 384

Preterm delivery, group B streptococcal colonization of mothers, and premature rupture of membranes (Regan, Chao, and (ames), 184

labor, effects of terbutaline on acid base, serum electrolytes, and glucose homeostasis during management of (Cotton et al.), 617

Prevention of cervical dysplasias, retinoids and (Romney et al.), 890 Profile, urethral pressure, relationship between hormonal changes during menstrual cycle and: Urodynamic studies in normal menstrual cycle (Van Geelen et al.), 384

Progesterone binding, estradiol and, in human term placental cytosol (Younes, Besch, and Besch), 170

and estradiol receptors, cytoplasmic, in normal, hyperplastic, and carcinomatous endometria: Therapeutic implications (Ehrlich, Young, and Cleary), 539

-releasing intrauterine contraceptive device, effects of, on endometrial blood vessels: Morphometric study (Shaw et al.), 821

synthesis and catabolism of, in placentas from normotensive and severely hypertensive patients before and after parturition (Diaz-Zagoya and Arias), 637

Progestin receptors, estrogen and, in endometriosis lesions: Comparison with endometrial tissue (Jänne et al.), 562

Prognostic significance of peritoneal cytology in patients with endome-trial cancer and preliminary data concerning therapy with intraperitoneal radiopharmaceuticals (Creasman et al.), 921

Prolactin and cortisol in maternal plasma, effect of general and peridural anesthesia on concentrations of (Ho Yuen et al.),

luteinizing hormone-releasing hormone, luteinizing hormone, and follicle-stimulating hormone levels in plasma of women with normal menstrual cycles, on correlation of (Aksel), 362

responses to insulin hypoglycemia and arginine: Validity of hypothalamic-pituitary testing in hyperprolactinemia (Archer et al.), 556

Prolapse, mitral valve, and pregnancy (Rayburn and Fontana), 9 Proliferative and malignant Brenner tumors (Woodruff et al.), 118

Prophylaxis, antibiotic, selection of patients for, in cesarean sections (Harger and English), 752 Prostacyclin, amniotic fluid, and thromboxane in normal, preeclamp-

tic, and some other complicated pregnancies (Ylikorkala, Mäkilä, and Viinikka), 487

Prostaglandin(s), antifertility effect of azastene mediated by (Hel-vacioglu, Auletta, and Scommegna), 138 E, and isoprotérenol, control of adenosine-3',5'-monophosphate

level in, by (Kirkpatrick et al.), 195 E2 vaginal suppository, lipid-based, simpler approach to labor in-

duction using (MacKenzie, Bradley, and Embrey), 158 F in human endometriotic tissue (Moon et al.), 344 (Comm. in brief) myometrial, during human menstrual cycle (Vijayakumar and Walters), 313

production, stimulation of, in human decidua by oxytocin, H. Oxytocin and initiation of human parturition (Fuchs, Husslein, and Fuchs), 694

release during induction of labor by oxytocin, I. Oxytocin and initiation of human parturition (Husslein, Fuchs, and Fuchs),

synthesis inhibition by indomethacin, effect of, on ovulation and ovum maturation in in vitro perfused rabbit ovary (Kobayashi et al.), 53

Puerperal inversion, acute, of uterus (Platt and Druzin), 187

Puerperium, pregnancy and, functional capacity of gonadotrophs during (Marrs, Kletzky, and Mishell), 658

Pulsatile gonadotropin-releasing hormone, low-dose, simulation of follicular phase of menstrual cycle by intravenous adminis-tration of (Valk, Marshall, and Kelch), 842 (Comm. in brief)

Purpura, Henoch-Schönlein, and pregnancy (McCoy), 469 (Comm. in brief)

thrombotic thrombocytopenic, in pregnancy: Reappraisal (Thiagarajah et al.), 20

Pyelograms, postpartum intravenous, correlation of, with clinical localization of antepartum pyelonephritis (Harris), 105 (Comm. in brief)

Pyelonephritis, antepartum, correlation of postpartum intravenous pyelograms with clinical localization of (Harris), 105 (Comm. in brief)

Q

Quadruplet pregnancy, unilateral tubal (Fujii et al.), 840 (Comm. in

R

- Radii, absent, prenatal ultrasound diagnosis of thrombocytopenia with (Luthy et al.), 350 (Comm. in brief)
- Radiopharmaceuticals, intraperitoneal, preliminary data concerning therapy with, prognostic significance of peritoneal cytology in patients with endometrial cancer and (Creasman et al.),
- Real-time-directed M-mode echocardiography: New technique for accurate and rapid quantitation of fetal preejection period and ventricular ejection time of right and left ventricles (DeVore et al.), 470 (Comm. in brief)
 - ultrasound observation of breathing and movements in fetal lamb (Wittmann et al.), 807
- Receptors, beta-adrenergic and cholinergic, responses of pelvic vascular bed to intra-arterial stimulation of, in pregnant and nonpregnant sheep (Frkkola et al.), 5
- nonpregnant sheep (Erkkola et al.), 5 cytoplasmic progesterone and estradiol, in normal, hyperplastic, and carcinomatous endometria: Therapeutic implications (Ehrlich, Young, and Cleary), 539
- estrogen, in human female lower urinary tract (Iosif et al.), 817
- estrogen and progestin, in endometriosis lesions: Comparison with endometrial tissue (Jänne et al.), 562 Recessive genetic factors, search for, through analysis of human iso-
- Recessive genetic factors, search for, through analysis of human isolate: Cancers of breast and female genital system (Simpson et al.), 629
- Red blood cells, plasma, myometrium, and endometrium of pregnant human subjects, enzymes for epinephrine synthesis and metabolism in (Hobel et al.), 1009
- Regionalization of perinatal services, review of perinatal mortality in Colorado, 1971 to 1978, and its relationship to (Bowes), 1045.
- Releasing hormone, gonadotropin-, low-dose pulsatile, simulation of follicular phase of menstrual cycle by intravenous administration of (Valk, Marshall, and Kelch), 842 (Comm. in brief)
- brief)
 hormone, luteinizing hormone-, luteinizing hormone, folliclestimulating hormone, and prolactin levels in plasma of
 women with normal menstrual cycles, on correlation of
 (Aksel), 362
- Renal hypertension, experimental, in pregnant sheep. II. Response to one-kidney model (Brinkman), 895
- infection and pregnancy outcome (Gilstrap et al.), 709
- Reproductive and gynecologic surgical experience in diethylstilbestrol-exposed daughters (Herbst et al.), 1019
- Respiratory acidosis, acute hypoxemia and, effect of, on fetal heart rate in monkeys (Ikenoue et al.), 797
- distress syndrome, effect of antenatal dexamethasone administration on prevention of (Collaborative Group on Antenatal Steroid Therapy), 276
- Retardation, intrauterine growth, amniotic fluid catecholamines and metabolites in (Divers et al.), 608
- superovulation-induced intrauterine growth, in mice (Evans et al.), 433 Retinoids and prevention of cervical dysplasias (Rompey et al.), 890
- Retinoids and prevention of cervical dysplasias (Romney et al.), 890 Ripening, cervical, with laminaria, intrauterine fetal death during (Agress and Benedetti), 587 (Comm. in brief)
- Risk, at-, pregnancies, pregnancy-specific β₁-glycoprotein as screening test for (Chapman et al.), 499 comparative, of death from induced abortion at ≤ 12 weeks' gesta
 - tion performed with local versus general anesthesia (Peterson et al.), 763
 - factor for placenta previa: Induced abortion (Barrett, Boehm, and Killam), 769
 - low-, obstetric population, controlled trial of fetal heart rate monitoring in (Wood et al.), 527
- probability of fetal metabolic acidosis during labor in population at, as determined by clinical factors (Low et al.), 941 Rupture, premature, of membranes and premature gestation, pro
 - spective randomized study of corticosteroids in management of (Garite et al.), 508 preterm delivery, and group B streptococcal colonization of
- mothers (Regan, Chao, and James), 184 spontaneous, of unscarred uterus at 19 weeks' gestation (DeWane and McCubbin), 222 (Comm. in brief)
 - 9
- Sacrospinal ligament, fixation of vagina on, by vaginal route (vaginaefixatio sacrospinalis vaginalis), long-term results following (Richter and Albrich), 811

- Sclerosis, tuberous, in pregnancy (Reece, Gimovsky, and Petrie), 467 (Comm. in brief)
- Screening program for gestational diabetes, clinical experience with (Lavin, Barden, and Miodovnik), 491
- test for at-risk pregnancies, pregnancy-specific β_1 -glycoprotein as (Chapman et al.), 499
- Secretion, steroid, and testosterone binding in woman with ovarian hilus cell tumor and thyrotoxicosis (Sutton, Lyles, and Wiebe), 535
- Seminal-pituitary-adrenal protein in variety of maternal and fetal compartments (Grudzinskas et al.), 425
- Septum, uterine, hysteroscopic resection of (Chervenak and Neuwirth), 351 (Comm. in brief)
- Serum electrolytes, glucose homeostasis, and acid base, effects of terbutaline on, during management of preterm labor (Cotton et al.), 617
- Sex differences in lung and adrenal neurosympathetic development in rabbits (Padbury et al.), 199
 - fetal, ultrasound determination of (Shalev, Weiner, and Zuckerman), 582 (Comm. in brief)
- hormones, female, are teratogenic (Wilson and Brent), 567 (Current developments)
- Shock syndrome, recurrent toxic, possible pathogenesis for (Schlossberg), 348 (Comm. in brief)
- toxic, occurring in luteal phase of menstrual cycle (Podlas et al.), 225 (Comm. in brief)
- Shunts, ventriculoperitoneal, pregnancy in patients with: Report of two cases (Howard and Herrick), 99 (Comm. in brief) Sickle cell disease, isovolumetric partial exchange transfusion in man-
- Sickle cell disease, isovolumetric partial exchange transfusion in management of, in pregnancy (Nagey, Garcia, and Welt), 403 hemoglobinopathies in pregnant patients (Miller et al.), 237
- Sinus tumors, endodermal, and mixed germ cell tumors of ovary, alpha fetoprotein determinations in management of (Romero and Schwartz), 126
- Smoking, maternal, and elevation of catecholamines and metabolites in amniotic fluid (Divers et al.), 625
- Society for Gynecologic Investigation, papers of, 599-727
- Sodium, chloride, and urea, transfer of, across perfused human placenta (Dancis et al.), 677
- Sperm-agglutinating antibodies, postcoital tests and, in men (Friberg), 76
- Spontaneous rupture of unscarred uterus at 19 weeks' gestation (De-Wane and McCubbin), 222 (Comm. in brief)
- Squamous cell carcinoma of cervix, II. cis-Platinum in gynecologic
- cancer (Hall, Diasio, and Goplerud), 309
 Stability of phospholipids in amniotic fluid (Schwartz et al.), 294
 Statural determinants, gonadal and, on X chromosome and their relationship to in vitro studies showing prolonged cell cycles in 45,X; 46,X,del(X)(p11); 46,X,del(X)(q13); and
- 46,X,del(X)(q22) fibroblasts (Simpson and Lebeau), 930 Steroid analysis, urinary, dissociation of chorioadenoma destruens from hydatidiform mole by (Kodama, Kodama, and Totani), 288
- secretion and testosterone binding in woman with ovarian hilus cell tumor and thyrotoxicosis (Sutton, Lyles, and Wiebe), 535
- Steroidogenic enzymes in rat testis and liver microsomal preparations, cytochrome P-450 and, actions of danazol in vivo on (Betz, Miller, and Hales), 962
- Stimulation, intra-arterial, of beta-adrenergic and cholinergic receptors, responses of pelvic vascular bed to, in pregnant and nonpregnant sheep (Erkkola et al.), 5
- of prostaglandin production in human decidua by oxytocin, II. Oxytocin and initiation of human parturition (Fuchs, Husslein, and Fuchs), 694
- Streptococcal colonization, group B, of mothers, premature rupture of membranes, and preterm delivery (Regan, Chao, and James), 184
- Stressed pregnancies, amniotic fluid phosphatidylglycerol in (Yambao et al.), 191
- Symptoms, torsion of pregnant human uterus without (Nielsen), 838 (Comm. in brief)
- Syndrome, amniotic band, associated with amniocentesis (Moessinger et al.), 588 (Comm. in brief)
- polycystic ovary, induction of ovulation with menotropins in women with (Kemmann et al.), 58
- recurrent toxic shock, possible pathogenesis for (Schlossberg), 348 (Comm. in brief)
- respiratory distress, effect of antenatal dexamethasone administration on prevention of (Collaborative Group on Antenatal Steroid Therapy), 276

Syndrome-Cont'd

toxic shock, occurring in luteal phase of menstrual cycle (Podlas et al.), 225 (Comm. in brief)

Synthesis and catabolism of progesterone in placentas from normotensive and severely hypertensive patients before and after parturition (Diaz-Zagoya and Arias), 637 inhibition, prostaglandin, by indomethacin, effect of, on ovulation

inhibition, prostaglandin, by indomethacin, effect of, on ovulation and ovum maturation in in vitro perfused rabbit ovary (Kobayashi et al.), 53

and metabolism, epinephrine, enzymes for, in myometrium, endometrium, red blood cells, and plasma of pregnant human subjects (Hobel et al.), 1009

Subunit, α -, human chorionic gonadotropin, in pregnancy (Benveniste and Scommegna), 952

Superovulation-induced intrauterine growth retardation in mice (Evans et al.), 433

Suppository, lipid-based prostaglandin $\rm E_2$ vaginal, simpler approach to labor induction using (MacKenzie, Bradley, and Embrey), 158

Surgery, carbon dioxide laser, in treatment of condyloma (Hahn), 1000

gynecologic, function-retaining or function-restoring (Käser), 864 Surgical experience, gynecologic, reproductive and, in diethylstilbestrol-exposed daughters (Herbst et al.), 1019

Surveillance, antepartum fetal, in diabetic pregnant patients (Jorge et al.), 641

fetal, during labor, continuous transcutaneous oxygen monitoring in (Löfgren), 729 (Clinical opinion)

7

Teratogenic, are female sex hormones (Wilson and Brent), 567 (Current developments)

Teratology, placental transfer, and cytotoxicity in rat—Indomethacin (Klein et al.), 448

Terbutaline, effects of, on acid base, serum electrolytes, and glucose homeostasis during management of preterm labor (Cotton et al.), 617

et al.), 617

Term placental cytosol, human, estradiol and progesterone binding in

(Young, Besch, and Besch), 170

(Younes, Besch, and Besch), 170 vaginal delivery, true hermaphroditism with, and review (Williamson, Phansey, and Mathur), 262

Test(s), fetal acceleration (Bishop), 905

nonstress, detection of fetal cord compromise secondary to umbilical cord hematoma with (Dillon and O'Leary), 102 (Comm. in brief)

Evaluation of 1,000 patients (Barrett, Salyer, and Boehm), 153 How long is enough (Brown and Patrick), 646

of monoamniotic twins, variable decelerations on (Barrett, Salyer, and Boehm), 583 (Comm. in brief)

oxytocin challenge, incidence of premature delivery following (Braly et al.), 5

postcoital, and sperm-agglutinating antibodies in men (Friberg), 76 screening, for at-risk pregnancies, pregnancy-specific β_1 -glycoprotein as (Chapman et al.), 499

Testing, hypothalamic-pituitary, in hyperprolactinemia, validity of:
Prolactin responses to insulin hypoglycemia and arginine
(Archer et al.), 556

nonstress, new modality in: Evaluation of beat-to-beat fetal heart rate variability (Lauersen et al.), 521

Testis and liver microsomal preparations, rat, actions of danazol in vivo on cytochrome P-450 and steroidogenic enzymes in (Betz, Miller, and Hales), 962

Testosterone binding, steroid secretion and, in woman with ovarian hilus cell tumor and thyrotoxicosis (Sutton, Lyles, and Wiebe), 535

Therapeutic applications, endocrine pharmacology and: Danazol (Barbieri and Ryan), 453

implications: Cytoplasmic progesterone and estradiol receptors in normal, hyperplastic, and carcinomatous endometria (Ehrlich, Young, and Cleary), 539

modalities for treatment of gynecologic malignancies, current status of, with emphasis on chemotherapy (Willson et al.), 81 (Current developments)

Therapy, antimicrobial, of postpartum endomyometritis. I. Comparative susceptibility of mezlocillin and other antibiotics to genital anaerobic bacteria (Sorrell, Marshall, and Chow), 242

 Prospective, randomized trial of mezlocillin versus ampicillin (Sorrell et al.), 246 Therapy-Cont'd

danazol, unusual complication of: Generalized alopecia (Duff and Mayer), 349 (Comm. in brief)

estrogen replacement, and mixed lymphocyte reaction (Helgason and Von Schoultz), 393

with intraperitoneal radiopharmaceuticals, preliminary data concerning, prognostic significance of peritoneal cytology in patients with endometrial cancer and (Creasman et al.), 921

Thrombocytopenia with absent radii, prenatal ultrasound diagnosis of (Luthy et al.), 350 (Comm. in brief)

Thrombocytopenic purpura, thrombotic, in pregnancy: Reappraisal (Thiagarajah et al.), 20

Thrombotic thrombocytopenic purpura in pregnancy: Reappraisal (Thiagarajah et al.), 20

Thromboxane, amniotic fluid prostacyclin and, in normal, preeclamptic, and some other complicated pregnancies (Ylikorkala, Mäkilä, and Viinikka), 487

Thyroidectomy, fetal, during second trimester, effects of, in ovine fetus (Bhakthayathsalan et al.), 436

Thyrotoxicosis, ovarian hilus cell tumor and, steroid secretion and testosterone binding in woman with (Sutton, Lyles, and Wiebe), 535

Tissue, endometrial, comparison with: Estrogen and progestin receptors in endometriosis lesions (Jänne et al.), 562

human endometriotic, prostaglandin F in (Moon et al.), 344 (Comm. in brief)

Tocolysis, randomized control trial of external cephalic version with, in late pregnancy (Van Dorsten, Schifrin, and Wallace), 417

Torsion of pregnant human uterus without symptoms (Nielsen), 838 (Comm. in brief)

Torticollis, congenital, fetal head deformation and, associated with uterine tumor (Romero et al.), 839 (Comm. in brief)

Toxic shock syndrome occurring in luteal phase of menstrual cycle (Podlas et al.), 225 (Comm. in brief) recurrent, possible pathogenesis for (Schlossberg), 348 (Comm.

in brief)
Toxicity, III. cis-Platinum in gynecologic cancer (Hall, Diasio, and

Goplerud), 309
Toxoplasmosis, congenital: Prevention or palliation (Frenkel), 359

(Clinical opinion)
Transactions, second combined annual meeting, American Gynecological Society and American Association of Obstetricians and Gynecologists, 857-1071

Transcutaneous oxygen monitoring, continuous, in fetal surveillance during labor (Löfgren), 729 (Clinical opinion)

Transfer, maternal-fetal vitamin, role of placenta in, in humans (Baker et al.), 792

placental, cytotoxicity, and teratology in rat—Indomethacin (Klein et al.), 448

of urea, sodium, and chloride across perfused human placenta (Dancis et al.), 677

Transpeptidase, y-glutamyl, of human amniotic fluid (Palekar et al.), 788

Transposition of great vessels in infant exposed to massive doses of oral contraceptives (Redline and Abramowsky), 468 (Comm. in brief)

Treatment of condyloma, carbon dioxide laser surgery in (Hahn), 1000

of gynecologic malignancies, current status of therapeutic modalities for, with emphasis on chemotherapy (Willson et al.), 81 (Current developments)

of unresolved grief following loss of infant (Turco), 503 of vulvovaginal candidiasis with boric acid powder (Van Slyke,

of vulvovaginal candidiasis with boric acid powder (Van Slyke, Michel, and Rein), 145

Trimester, second, effects of fetal thyroidectomy during, in ovine fetus (Bhakthavathsalan et al.), 436

Tubal quadruplet pregnancy, unilateral (Fujii et al.), 840 (Comm. in brief)

Tube, human fallopian, copper and contractility of (Lindblom and Hamberger), 398

uterine, adenocarcinoma of: Potential for lymph node metastases (Tamimi and Figge), 132

Tuberous sclerosis in pregnancy (Reece, Gimovsky, and Petrie), 467 (Comm. in brief)

Tumor(s), endodermal sinus, and mixed germ cell tumors of ovary, alpha fetoprotein determinations in management of (Romero and Schwartz), 126

ovarian hilus cell, and thyrotoxicosis, steroid secretion and testosterone binding in woman with (Sutton, Lyles, and Wiebe), 535 proliferative and malignant Brenner (Woodruff et al.), 118 Tumor(s)-Cont'd

uterine, fetal head deformation and congenital torticollis associated with (Romero et al.), 839 (Comm. in brief)

Twin(s), epidemiology of neonatal death in (McCarthy et al.), 252 monoamniotic, variable decelerations on nonstress test of (Barrett, Salver, and Boehm). 583 (Comm. in brief)

pregnancy detection, efficiency of human placental lactogen and alpha-fetoprotein measurement in (Knight et al.), 585 (Comm. in brief)

U

Ultrasonic assessment of fetal kidney function in normal and complicated pregnancies (Kurjak et al.), 266

Ultrasound determination of fetal sex (Shalev, Weiner, and Zuckerman), 582 (Comm. in brief) diagnosis, prenatal, of thrombocytopenia with absent radii (Luthy et

al.), 350 (Comm. in brief) femur length and biparietal diameter, comparison of, in late preg-

remur length and olparietal diameter, comparison of, in late pregnancy (Hohler and Quetel), 759 fetal femur length, growth of, during normal pregnancy (O'Brien

and Queenan), 833 (Current investigation)
observation, real-time, of breathing and movements in fetal lamb
(Wittmann et al.), 807

records, quality of: Numerical analysis of human fetal heart rate (Dawes et al.), 43

Umbilical cord hematoma, detection of fetal cord compromise secondary to, with nonstress test (Dillon and O'Leary), 102 (Comm. in brief)

vein(s), fetal, dilation of, in rhesus hemolytic anemia: Predictor of severe disease (DeVore et al.), 464 (Comm. in brief)

and inferior venae cavae of fetal sheep, selective distribution of microspheres injected into (Reuss, Rudolph, and Heymann), 427

Unipolar coagulating device, bladder perforation owing to (Pakter and Budnick), 227 (Comm. in brief)

United States, 1972 to 1978, fatal amniotic fluid embolism during legally induced abortion (Guidotti, Grimes, and Cates), 257
Unscarred uterus, spontaneous rupture of, at 19 weeks' gestation

(DeWane and McCubbin), 222 (Comm. in brief)

Urea, sodium, and chloride, transfer of, across perfused human placenta (Dancis et al.). 677

Urethral pressure profile, relationship between hormonal changes during menstrual cycle and: Urodynamic studies in normal menstrual cycle (Van Geelen et al.), 384

Urinary estrogens in postterm pregnancy (Khouzami et al.), 205 steroid analysis, dissociation of chorioadenoma destruens from hydatidiform mole by (Kodama, Kodama, and Totani), 288

tract, human female lower, estrogen receptors in (Iosif et al.), 817 Urodynamic studies in normal menstrual cycle: Relationship between hormonal changes during menstrual cycle and urethral pressure profile (Van Geelen et al.). 384

pressure profile (Van Geelen et al.), 384 Uterine blood flow, ovine, response of, to angiotensin II: Effect on fetus (Bruce et al.), 495

septum, hysteroscopic resection of (Chervenak and Neuwirth), 351 (Comm. in brief)

tube, adenocarcinoma of: Potential for lymph node metastases (Tamimi and Figge), 132

tumor, fetal head deformation and congenital torticollis associated with (Romero et al.), 839 (Comm. in brief)

Uteroplacental blood flow, indirect method of assessing: Placental clearance rate of maternal plasma androstenedione through placental estradiol formation (Edman et al.), 1029

Uterus, acute puerperal inversion of (Platt and Druzin), 187 pregnant human, torsion of, without symptoms (Nielsen), 838 (Comm. in brief)

unscarred, spontaneous rupture of, at 19 weeks' gestation (DeWane and McCubbin), 222 (Comm. in brief)

V

Vagina, fixation of, on sacrospinal ligament by vaginal route (vaginaefixatio sacrospinalis vaginalis), long-term results following (Richter and Albrich), 811

Vaginaefixatio sacrospinalis vaginalis (fixation of vagina on sacrospinal ligament by vaginal route), long-term results following (Richter and Albrich), 811

Vaginal delivery, term, true hermaphroditism with, and review (Williamson, Phansey, and Mathur), 262

malformations (Evans, Poland, and Boving), 910

route (vaginaefixatio sacrospinalis vaginalis), fixation of vagina on sacrospinal ligament by, long-term results following (Richter and Albrich), 811

suppository, lipid-based prostaglandin E2, simpler approach to labor induction using (MacKenzie, Bradley, and Embrey), 158

Valve prolapse, mitral, and pregnancy (Rayburn and Fontana), 9 Variability, beat-to-beat fetal heart rate, evaluation of: New modality in nonstress testing (Lauersen et al.), 521

short-term, of fetal heart rate in cholestasis of pregnancy (Ämmälä and Kariniemi), 217

Variable decelerations on nonstress test of monoamniotic twins (Barrett, Salyer, and Boehm), 583 (Comm. in brief)

Vascular bed, pelvic, responses of, to intra-arterial stimulation of beta-adrenergic and cholinergic receptors in pregnant and nonpregnant sheep (Erkkola et al.), 599

Vein(s), fetal umbilical, dilation of, in rhesus hemolytic anemia: Predictor of severe disease (DeVore et al.), 464 (Comm. in brief)

umbilical, and inferior venae cavae of fetal sheep, selective distribution of microspheres injected into (Reuss, Rudolph, and Heymann), 427

Venae cavae, inferior, umbilical veins and, of fetal sheep, selective distribution of microspheres injected into (Reuss, Rudolph, and Heymann), 427

Ventricles, right and left, fetal preejection period and ventricular ejection time of, new technique for accurate and rapid quantitation of: Real-time-directed M-mode echocardiography (DeVore et al.), 479 (Comm. in brief)

Ventricular ejection time, fetal preejection period and, of right and left ventricles, new technique for accurate and rapid quantitation of: Real-time-directed M-mode echocardiography (DeVore et al.), 479 (Comm. in brief)

(DeVore et al.), 479 (Comm. in brief)
Ventriculoperitoneal shunts, pregnancy in patients with: Report of two cases (Howard and Herrick), 99 (Comm. in brief)

Version, external cephalic, with tocolysis, randomized control trial of, in late pregnancy (Van Dorsten, Schifrin, and Wallace), 417

Vessels, endometrial blood, effects of progesterone-releasing intrauterine contraceptive device on: Morphometric study (Shaw et al.), 821

great, transposition of, in infant exposed to massive doses of oral contraceptives (Redline and Abramowsky), 468 (Comm. in brief)

Virus infection, genital herpes simplex, occurring during pregnancy, management of (Boehm et al.), 735

Vitamin transfer, maternal-fetal, role of placenta in, in humans (Baker et al.), 792

Vulvovaginal candidiasis, treatment of, with boric acid powder (Van Slyke, Michel, and Rein), 145

carcinoma, pelvic exenteration for (Phillips, Buchsbaum, and Lifshitz), 1038

X

X chromosome, gonadal and statural determinants on, and their relationship to in vitro studies showing prolonged cell cycles in 45,N; 46,X,del(X)(p11); 46,X,del(X)(q13); and 46,X,del(X)(q22) fibroblasts (Simpson and Lebeau), 930

